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Systematic Listing of Scientific and /or Common Names of Invertebrates, Vertebrates and Marine Plants and their Respective Codes Used by Marine Fish Division, Fisheries and Oceans, Scotia-Fundy Region (Revised)

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Canadian Data Report of
Fisheries and Aquatic Sciences 721

January 1989

SYSTEMATIC LISTING OF SCIENTIFIC AND/OR COMMON NAMES OF INVERTEBRATES, VERTEBRATES AND MARINE PLANTS AND THEIR RESPECTIVE CODES USED BY MARINE FISH DIVISION, FISHERIES AND OCEANS, SCOTIA-FUNDY REGION (REVISED)

by

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CONTENTS

ABSTRACT-- v

INTRODUCTION-- 1

- FISHES-- 1
- MARINE MAMMALS-- 2
- INVERTEBRATES--- 2
- MARINE PLANTS--- 2
- EGGS-- 2
- MISCELLANEOUS--- 2

FAUNA--- 3

- K. ANIMALIA--- 3
  - P. **PROTOZOA**--- 3
    - C. **SARCODINA**--- 3
  - P. **PORIFERA**--- 3
    - C. **DESMOSPONGIAE**--- 3
  - P. **CNIDARIA**--- 3
    - C. **ANTHOZOA**-- 3
    - C. **HYDROZOA**-- 4
    - C. **SCYPHOZOA**--- 4
  - P. **CTENOPHORA**--- 4
    - C. **NUDA**-- 4
    - C. **TENTACULATA**--- 5
  - P. **PLATYHELMINTHES**-- 5
    - C. **CESTODA**--- 5
    - C. **TREMATODA**--- 5
    - C. **TURBELLARIA**--- 5
  - P. **RHYNCHOCOELA**--- 5
  - P. **ENTOPROCTA**--- 5
  - P. **ASCHELMINTHES**-- 5
    - C. **PRIAPULIDA**-- 5
  - P. **NEMATHELMINTHES**-- 5
    - C. **NEMATODA**-- 5
  - P. **PHORONIDA**-- 5
  - P. **BRYOZOAN**--- 5
  - P. **ECTOPROCTA**--- 5
  - P. **BRACHIOPODA**-- 5
    - C. **ARTICULATA**-- 5
  - P. **MOLLUSCA**--- 5
    - C. **SCAPHOPODA**-- 6
    - C. **GASTROPODA**-- 6
    - C. **BIVALVIA**-- 7
    - C. **CEPHALOPODA**--- 9
    - C. **POLYPLACOPHORA**-- 13
    - C. **APLACOPHORA**--- 13
  - P. **ANNELIDA**--- 13
    - C. **OLIGOCHAETA**--- 13
    - C. **POLYCHAETA**-- 13
  - P. **ACANTHOCEPHALA**--- 16
  - P. **SIPUNCULA**-- 16
  - P. **ECHIURIDA**-- 16
  - P. **ARTHROPODA**--- 16
    - s.p. MANDIBULATA--- 16
    - C. **CRUSTACEA**--- 16
    - s.p. CHELICERATA--- 23
    - C. **MEROSTOMATA**--- 23
    - s.p. PYCNOGONIDA--- 24
    - C. **PANTOPODA**--- 24
    - C. **INSECTA**--- 24
  - P. **CHAETOGNATHA**--- 24
  - P. **ECHINODERMATA**-- 24
    - C. **STELLEROIDEA**-- 24
    - C. **ECHINOIDEA**-- 25
    - C. **HOLOTHUROIDEA**--- 25
    - C. **CRINOIDEA**--- 26
  - P. **CHORDATA**--- 26
    - s.p. PROTOCHORDATA--- 26
    - s.p. TUNICATA-- 26
    - C. **ASCIDIACEA**-- 26
    - C. **LARVACEA**-- 27

C. **THALIACEA**--27
s.p. VERTEBRATA--27
C. **AVES**--27
C. **REPTILIA**--27
C. **AGNATHA**--27
C. **CHONDRICHTHYES**--27
C. **OSTEICHTHYES**--29
C. **MAMMALIA**--48

FLORA--49

K. PLANTIA--49
P. **ALGAE**--49
C. **THALLOPHYTA**--49
C. **PHAEOPHYCEAE**--49
C. **CHLOROPHYCEAE**--49
C. **RHODOPHYCEAE**--49

MISCELLANEOUS--50

EGGS--51

FISH EGGS--51
INVERTEBRATE EGGS--52

Footnotes--54

References--55

Appendix A - Main Group (Summary or Key) of Column A-----------------------57

Appendix B - Breakdown of main groups (A) into Groups (B)------------------58

Appendix C - Alphabetical listing of Fishes by Scientific Name-------------59

Appendix D - Alphabetical listing of Invert. by Scientific Name------------71

Appendix E - Numerical listing of Fishes by Code Numbers-------------------80

Appendix F - Numerical listing of Invert. by Code Numbers------------------92

Appendix G - Alphabetical listing of Invert. by Family and Higher Taxa----101

Appendix H - Alphabetical listing of Fishes by Family and Higher Taxa-----108

Appendix I - Numerical listing of Invert. by Family and Higher Taxa-------112

Appendix J - Numerical listing of Fishes by Family and Higher Taxa--------118

Appendix K - Alphabetical listing of Fish Eggs by Name--------------------122

Appendix L - Alphabetical listing of Invert. Eggs by Name-----------------123

Appendix M - Numerical listing of Marine Plants by Code Number------------124

Appendix N - Numerical listing of Marine Mammals by Code Number-----------125

Index by research code--126

ABSTRACT

Losier, R. J., and L. E. Waite. 1989. Systematic listing of scientific and/or common names of invertebrates, vertebrates and marine plants and their respective codes used by Marine Fish Division, Fisheries and Oceans, Scotia-Fundy Region (Revised). Can. Data Rep. Fish. Aquat. Sci. 721: v + 139 p.

This report is a revised systematic list of marine fauna and flora and their corresponding research codes for 1418 genera and and/or species, and 312 related orders, families, classes, and phyla. There are a total of 1730 codes, with 452 additional codes not included in the earlier report (Waite, 1983). These codes are used by the Department of Fisheries and Oceans, Marine Fish Division (MFD) in Scotia-Fundy and Gulf Regions for data base management.

RÉSUMÉ

Losier, R. J., and L. E. Waite. 1989. Systematic listing of scientific and/or common names of invertebrates, vertebrates and marine plants and their respective codes used by Marine Fish Division, Fisheries and Oceans, Scotia-Fundy Region (Revised). Can. Data Rep. Fish. Aquat. Sci. 721: v + 139 p.

Ce rapport consiste en une liste systématique révisée de la faune et de la flore marines ainsi que de leurs codes de recherche correspondants pour 1418 genres et espèces ou les deux, 312 ordres, familles, classes et phylums qui y sont liés. Le rapport comprend en tout 1730 codes et 452 codes additionnels non compris dans le rapport précédent (Waite, 1983). Ces codes sont utilisés par le ministère des Pêches et des Océans, Division des poissons de mer dans la région Scotia-Fundy et dans la région du Golfe, et ce, pour la gestion des bases de données.

INTRODUCTION

This list was originally developed by the Dept. of Fisheries and Oceans, Marine Fish Division in the 1950's and was intended for use in identifying and computer coding species collected during various groundfish surveys and other types of divisional investigations. The original plan incorporated a four digit code and is as follows:

Column A: 0 - Vertebrates (fish and mammals)
1-8 - Invertebrates and eggs
9 - Other objects and plants

Column B: Separates animals generally into major classes for vertebrates.

Column C: Denotes family or generic groupings.

Column D: Specific indentification within class.

This coding scheme was followed until 1984 when the high demand for new codes made it inadequate. Therefore, the list today does not adhere strictly to these rules. The complexity arising from taxonomic keys and coding schemes are too numerous to describe here but to eliminate these problems and to ensure against errors it was decided to arrange this list into a set classification system and to obtain, if possible, the authorities and dates of the individual species. Where possible the most current authorities were referred to utilizing the following general taxonomic system:

PHYLUM (P)
SUBPHYLUM (s.p.)
CLASS (C.)
SUBCLASS (s.c.)
SUPERORDER (S.O.)
ORDER (O)
SUBORDER (s.o.)
SECTION (S.)
SUPERFAMILY (S.F.)
FAMILY (F.)
SUBFAMILY (.s.f)
GENUS
SPECIES

with lesser complicated phyla treated on a simpler basis. All taxonomic levels were not given codes but were used to complete the systematic listings. Where authorities and/or date were not available "xxxx" was substituted.

FISHES

The majority of these animals are species along the eastern seaboard of Canada, mainly the Gulf of St. Lawrence, Bay of Fundy, Grand Banks, Scotian Shelf, Georges Bank and the fresh and estuarine waters of New Brunswick and Nova Scotia. Three major classes are identified, including 35 orders, 181 families and 843 genera and species. They are arranged according to the elasmobranch classification of Compagno (1973) and teleost classification of Greenwood (UNESCO 1979).

This coding scheme differs from the other sections in that the first column, in practice, has the added versatility of an alpha prefix to denote larval, juvenile or adult (L, J, and A, respectively) with the next three columns following the usual coding scheme. As can be seen from Appendix A, the eggs of all species are coded separately, with those for fishes being designated as 12-- (Appendix B).

MARINE MAMMALS

This section has not been developed very extensively due to lack of interest for these codes. The list includes two orders, two superfamilies, four families and five species entered within the range of 0900 to 0933. Classification follows Leatherwood et al. (1976).

INVERTEBRATES

The Marine Fish Division mandate has generated increasing research activiies relating to phytoplankon and zooplankton production on offshore banks and spawning grounds. This research, as well as increased interest in juvenile fish and their trophic relationships, has caused a drastic demand for invertebrate codes in the last 5 yr. There are 34 classes, 85 orders, 247 families, 567 genera and/or species along with various subphyla, subclasses, suborders, etc.

The classification schemes are based on Linkletter et al. (1977) and Gosner (1971) as the general overall taxonomic guide with Parker et al. (1964) for Amphioxus, Williams (1974) for Decapoda, Tattersall (1951) for Mysidacea, Bousfield (1973) for Gammaridea, Wilson (1932) for Copepoda, Watling (1979) for Cumacea, Schultz (1969) for Isopoda, Abbott (1974) for Gastropoda and Polyplacophora, Voss (1977) for Cephalopoda, Hyman (1951) for Nematoda, and Shih (1977) for Hydrozoa and Scyphozoa. The nomenclature used is from the existing authority in each case (i.e. Bousfield (1973) for Gammaridea). The protochordates (see Gosner 1971) are considered invertebrates.

Invertebrates use four digit codes beginning with 1700. The different life history stages of some specimens have been coded separately (i.e. *Ascidea* sp. Adult - 1820).

MARINE PLANTS

As with the Marine Mammals this section is utilized very little with only four classes, one family, and two genera. Classification is based on Sverdrup et al. (1955).

EGGS

This is a four-digit code within the range of 1000 to 1699. This group was not put into a classification system but is ordered numerically and the individual species are noted within their respective phyla. Refer to Appendix B for a more complete breakdown.

MISCELLANEOUS

This section refers to inanimate objects, the Class Aves and the Class Reptilia which all begin with the digit 9. This group acts as a catch-all to include codes that would not be considered marine fauna and/or flora and is numerically ordered by code number.

FAUNA

K. ANIMALIA	
INVERTEBRATA - Marine Invertebrates Non-specified	1701
P. CTENOPHORES, COELENTERATES and PORIFERA	**8000**
P. PROTOZOA *1	
C. SARCODINA - Root-footed Protozoa	
O. FORAMINIFERA	1700
Allogromia sp.	1725
O. RADIOLARIDA	1750
P. PORIFERA - Sponges	**8600**
C. DESMOSPONGIAE	
O. HAPLOSCLERIDA - Sponges	
F. Haliclonidae	
Haliclona sp.	8618
Haliclona oculata (Linnaeus 1759) - Eyed Finger Sponge	8621
O. HADROMERIDA - Large Sponges	
F. Suberitidae	
Polymastia sp.	8610
O. POECILOSCLERIDA	
F. Mycalidae	
Mycale sp.	8615
P. CNIDARIA (COELENTERATA) - Polyps	**8200**
C. ANTHOZOA - Sea Anemone *4	**8300**
s.c. ZOANTHARIA	3205
O. ACTINIARIA - Sea Anemones, Sea Coral	8208
F. Metridiidae	
Metridium senile Linnaeus 1767 - Frilled Anemone	8311
F. Actinostolidae	
Stomphia coccinea Muller 1776	8313
F. Actinidae	
Bolocera sp.	8317
Tealia felina Linnaeus 1767 - Dahlia Anemone	8315
F. Hormathiidae	
Actinauge verrillii McMurrich 1893	8319
Hormathia sp.	8316
Hormathia tuberculosa xxxx	8622
O. ZOANTHIDEA - Zoanthid Anemones	

Epizoanthus incrustatus (Duben and Koren 1847)	8321
s.c. OCTOCORALLIA	
O. GORGONACEA - Sea Fans, Whips, and Feathers	
F. Primnoidae	
Primnoa resedaeformis (Pallas 1766)	8322
F. Anthothelidae	
Paragorgia arborea (Linnaeus 1758)	8323
O. ALCYONACEA - Soft Corals	
F. Nephtheidae	
Duva multiflora Verrill xxxx - Sea Cauliflower *2	8324
O. PENNATULACEA - Sea Pens	
F. Pennatulacea - Sea Pens	
Pennatula borealis M. Sars 1856 - Great Sea Pen	8318
s.c. CERIANTIPATHARIA	
O. CERIANTHARIA	
Cerianthus borealis Verrill 1873	8320
C. HYDROZOA - Jellfishes *3	**8400**
O. THECATA	
F. Sertularidae - Horny Cup Hydroids	
Sertularia sp. - Garland Hydroids	8405
O. LEPTOMEDUSAE	
F. Campanulariidae	
Obelia sp. - Hydromedusae	8421
O. TRACHYMEDUSAE	
F. Rhopalonematidae	
Aglantha digitale (Muller 1776) - Splendid Hydromedusa	8411
O. SIPHONOPHORA	8700
F. Physaliidae	
Physalia pelagica Bosc xxxx - Portuguese Man of War	8210
C. SCYPHOZOA - Large Jellyfishes *3	**8500**
O. SEMAEOSTOMEAE	
F. Cyaneidae - Disc Jellyfishes	
Cyanea capillata (Linnaeus 1758) - Pink Jellyfish or Lion`s Mane	8511
F. Pelagidae - Disc Jellyfishes	
Pelagia noctiluca	8520
P. CTENOPHORA - Comb Jellies	**8100**
C. NUDA	

O. BEROIDA	
F. Beroidae	
Beroe cucumis Fabricius 1780	8111
C. TENTACULATA - Tentacled Comb Jellies	
O. CYDIPPIDA	
F. Pleurobrachiidae	
Pleurobrachia sp.	8113
P. PLATYHELMINTHES - Flatworms *2	
C. CESTODA - Flatworms	**7700**
C. TREMATODA - Flukes	**7600**
s.c. DIGENEA	7601
C. TURBELLARIA - Flatworms	**7500**
P. RHYNCHOCOELA (NEMERTEA) - Nemerteans	**5500**
P. ENTOPROCTA - Moss Animals *2	**1910**
P. ASCHELMINTHES *2	
C. PRIAPULIDA	**3450**
Priapulus caudatus Lamarck 1816	3451
P. NEMATHELMINTHES - Round Worms	
C. NEMATODA - Round Worms *5	**7100**
Parasites, Round Worms	7000
O. ASCAROIDEA	
F. Anisakidae	
Anisakis sp.	7116
Contracaecum sp.	7113
Porrocaecum sp.	7110
Porrocaecum decipiens (Krappe xxxx)	7111
P. PHORONIDA	**1940**
F. Phoronidae	1941
P. BRYOZOANS (ECTOPROCTA, ENDOPROCTA and BRACHIOPODA)	**1900**
P. ECTOPROCTA (BRYOZOA) *2	**1920**
P. BRACHIOPODA - Lamp Shells *4	**1930**
C. ARTICULATA	
O. RHYNCHONELLIDA	
Rhynchonella sp.	1931
O. TEREBRATULIDA	
Terebratulina sp.	1932
P. MOLLUSCA	**4000**
PTEROPODA - Sea Butterflies	4600
HETEROPODA and PTEROPODA - Sea Snails and Sea Butterflies	3600
HETEROPODA	3601
MOLLUSCA Larvae	4005

C. SCAPHOPODA - Tusk or Toothshells	**4110**
C. GASTROPODA - Snails and Slugs	**4200**
O. NEOGASTROPODA	
F. Turridae - Turrent or Slit Shells	
Propebela cancellata Mighels and Adams 1842 - Cancellate Lora	4216
O. CEPHALASPIDEA - Bubble Shells	
F. Philinidae - Bubble Shells	
Philine sinuata Stimpson 1850 - Sinuate Paper Bubble	4256
F. Cylichnidae - Canoe Shells	4430
Cylichna alba (Brown 1827) - Brown's Barrel Bubble	4257
Scaphander punctostriatus Mighels 1841 - Giant Canoe Bubble	4431
O. ARCHAEOGASTROPODA - Limpets	5200
F. Buccinidae - Whelks	4209
Buccinum sp. Whelks	4210
Buccinum scalariforme Moller 1842 - Silky Buccinum	4212
Buccinum undatum Linnaeus 1761 - Northern Buccinum	4211
Colus sp.- Spindle Shell	4228
Neptunea decemcostata (Say 1826) - New England Neptune	4227
F. Muricidae - Rock Shells	
Nucella lapillus (Linnaeus 1758) - Atlantic Dog Winkle	4231
F. Nassariidae or Thaisidae - Dog Whelks and Mud Snails	4235
Ilyanassa obsoleta (Say 1882) - Mud Snail	4232
Nassarius trivittatus (Say 1822) - Dog Whelk	4233
F. Naticidae - Moon Shells and Sand Collar Snails	
Amauropsis islandica	4260
Lunatia heros (Say 1822) - Common Northern Moonshell	4221
Lunatia triseriata (Say 1826) - Spotted Northern Moonshell	4258
Natica clausa Broderip and Sowerby 1829 - Little Moonshell	4222
F. Turritellidae - Screw/Tower Shells	
Turritellopsis sp.	4229
F. Aporrhaidae - Pelican's Foot Shells	
Aporrhais sp. - Duck or Pelican Foot	4230
F. Epitoniidae - Staircase Shells	
Epitonium sp.	4240
F. Strombidae and Melongenidae	
Strombus and Busycon sp. - Conchs	4335
F. Littorinidae - Periwinkles	4250
F. Skeneopsidae - Orb Shells	
Skeneopsis sp. - Skenes	4251
F. Trochidae - Top Shells	4255
Calliostoma occidentale	4259
Margarites cinera (Gould 1841) - Ridged Top Shell - OBSOLETE	4223

Margarites costalis (Gould 1841) - Northern Rosy Top Shell	4224
Margarites groenlandica (Gmelin 1791) - Wavy Top Shell	4225
Margarites helicina (Phipps 1774) - Smooth Top Shell	4254
F. Velutinidae	
Velutina laevigata Linnaeus 1767 - Velvet Shell	4252
F. Fissurellidae - Keyhole Limpets	4253
Puncturella noachina (Linne 1771) - Linne's Puncturella	4202
F. Crepidulidae - Boat Shells, Slipper Limpets	
Crucibulum striatum Say 1824 - Cup and Saucer Limpet	5201
F. Columbellidae	
Amphissa haliaeeti (Jeffreys 1867) - Atlantic Amphissa	4201
C. BIVALVIA - Bivalve Mollusks	**4300**
s.c. CRYPTODONTA, PTERIMORPHIA, PALAEOTAXODONTA, HETERODONTA, PRIONODESMATA, TELEODESMATA - Clams (NS)	4310
s.c. ANOMALODESMATA	
O. PHOLADOMYOIDA - Pandoras, Cuspidarians	
F. Pandoridae - Pandora Shells	
Pandora gouldiana Dall 1886 - Gould's Pandora	4305
F. Thraciidae - Duck-bill Shells	3180
O. SEPTIBRANCHOIDEA	
F. Cuspidariidae	
Cuspidaria glacialis (G. O. Sars 1878) - Glacier Dipper Shell	4306
s.c. HETERODONTA	
O. MYOIDA - Mya Clams, Philads, Shipworms	
F. Myidae - Soft Shell Clams	
Mya arenaria Linnaeus 1758 - Soft Shell Clam	4318
Mya truncata Linnaeus 1758 - Truncate Soft Shell Clam	4309
F. Hiatellidae	
Cyrtodaria sp.	4327
Cyrtodaria siliqua (Spengler 1793) - Northern Propeller/Bank Clam	4312
Hiatella arctica (Linnaeus 1767) - Soft-Shell/Long Neck Clam	4319
O. VENEROIDA - Lucines, Cockles, Razor Clams, Tellins, Venus Clams	
F. Leptonidae	3185
F. Lucinidae - White Shells	3190
F. Solenidae - Razor Shell Clam	
Ensis directus Conrad 1843 - Atlantic Jackknife Clam	4301
Siliqua sp. - Razor Clams	4315
F. Thyasiridae	4333
Thyasira sp. - Cleft Clams	4302
F. Tellinidae - Tellin/Sunset Shells	4370
Tellina sp.	4303

Macoma sp.	4313
F. Arcticidae	
Arctica islandica (Linnaeus 1758) - Ocean Quahog	4304
F. Astartidae - Chestnut Clams (Astartes)	
Astarte castanea (Say 1822)	4338
Astarte sp.	4316
Astarte undata Gould 1841 - Waved Astarte	4307
F. Veneridae - Venus Clams	4329
Mercenaria mercenaria (Linnaeus 1758) - Hard Clam/Northern Quahog	4323
Pitar morrhuana Gould 1848 - Morrhua Venus	4314
Venus mercenaria - Quahaug - OBSOLETE	4311
F. Mactridae - Bar or Surf Clams	
Spisula polynyma (Stimpson 1860) - Stimpson's Surf Clam	4355
Spisula solidissima (Dillwyn 1817) - Giant Surf Clam	4317
F. Cardiidae - Cockles	4340
Cardium sp. - Dinocardium, Cerastoderma, Clinocardium sp. *4	4341
Cerastoderma pinnulatum (Conrad 1831) - Northern Dwarf Cockle	4345
Clinocardium ciliatum (Fabricius 1780) - Iceland Cockle	4342
Serripes groenlandicus (Bruguiere 1789) - Greenland Cockle	4343
F. Carditidae - Heart Shells	
Venericardia borealis (Conrad 1831) - Heart Shell	4344
s.c. PTERIOMORPHIA	
O. PTERIOIDEA - Pearly and True Oysters, Scallops	
F. Pectinidae - Scallops	4320
Aequipecten glyptus (Verrill 1882)	4336
Argopecten gibbus (Linne 1758) - Calico Scallop	4325
Argopecten irradians (Lamarck 1819) - Bay Scallop	4324
Chlamys islandicus (Muller 1776) - Iceland Scallop	4322
Placopecten magellanicus (Gmelin 1791) - Sea Scallop	4321
O. PRIONODONTIDA	
F. Arcidae	
Bathyarca pectunculoides	4337
Bathyarca sp.	4339
O. OSTREINA	
F. Anomiidae - Jingle Shells	4328
Anomia simplex	4380
Anomia sp.	4381
F. Ostreidae - Oysters	
Crassostrea virginica (Gmelin 1791) - American Cupped Oyster	4326
O. MYTILOIDA	
F. Mytilidae - True Mussels	4330
Modiolus modiolus (Linnaeus 1758) - Horse Mussel	4332
Musculus niger (Gray 1824) - Black Mussel	4334
Mytilus edulis Linnaeus 1758 - Common Mussels / Blue Mussel	4331
F. Limidae	

Limatula sp.	4347
s.c. CRYPTODONTA	
O. SOLEMYOIDA	
F. Solemyacidae - Awning Clams	
Solemya borealis Totten 1834 - Boreal Awning Clam	4346
s.c. PALAEOTAXODONTA	
O. NUCULOIDA	
F. Nuculidae - Nut Shells	4350
Nucula sp.	4308
Nucula tenuis Montagu 1808 - Smooth Nut Clam	4361
F. Nuculanidae	4360
Nuculana sp.	4351
Nuculana buccata (Steenstrup 1842) - Minute Nut Clam	4353
Nuculana tenuisulcata (Couthouy 1838) - Thin Nut Clam	4352
Yoldia sapotilla (Gould 1841)	4356
Yoldia sp.	4354
O. NUDIBRANCHIA - Shell-less Gastrapods (Nudibranches)	4400
F. Dendronotidae - Bushy Backed Sea Slugs	
Dendronotus sp.- Bushy Backed Sea Slug	4410
F. Aeolidiidae - Sea Slugs	
Aeolidia sp. - Plumed Sea Slug	4420
O. GYMNOSOMATA - Pteropods	
F. Clionidae	
Clione limacina (Phipps 1774) - Comman Clione	4611
O. THECOSOMATA	2606
F. Limacinidae - Sea Butterflies	
Limacina sp.	2605
Limacina helicina (Phipps 1774) - Helicid Pteropod	4621
Limacina retroversa (Fleming 1823) - Shelled Seabutterfly	4622
C. CEPHALOPODA - Squids and Octopuses *8	**4500**
s.c. COLEOIDEA	
O. TEUTHOIDEA - Bait Squids	4501
s.o. MYOPSIDA	4502
F. Loliginidae - Squid	4540
Loligo sp.	4541
Loligo pealei LeSueur 1821- Long Finned Squid	4512
s.o. OEGOPSIDA	4503
F. Ommastrephidae and Loliginidae - Squid Nonspecified	4514
F. Ommastrephidae - Sea Arrows	4510
s.f. Illicinae	
Illex sp.	4515

Illex illecebrosus (LeSueur 1821) - Short-finned Squid	4511
s.f. Ommastrephinae	4516
Hyaloteuthis pelagica (Bosc 1802)	
Ommastrephes sp.	4513
Ommastrephes bartrami (LeSueur 1821) - Flying Squid	4518
Ommastrephes pteropsus Steenstrup 1855	4519
Ornithoteuthis sp.	4517
Ornithoteuthis antillarum Adam 1957	
s.f. Todarodinae	
F. Lycoteuthidae	4542
s.f. Lampadioteuthinae	
Lampadioteuthis sp.	4543
Lampadioteuthis megaleia Berry 1916	
s.f. Lycoteuthinae	
Selenoteuthis sp.	4544
Selenoteuthis scintillans Voss 1958	
F. Enoploteuthidae	4545
s.f. Enoploteuthinae	4546
Abralia sp.	4550
Abralia redfieldi Voss 1955	4551
Abralia veranyi (Ruppell 1844)	4552
Abraliopsis sp.	4553
Abraliopsis pfefferi Joubin 1896	4554
Enoploteuthis sp.	4547
Enoploteuthis anapsis Roper 1964	4548
Enoploteuthis leptura (Leach 1817)	4549
s.f. Ancistrocheirinae	4556
Ancistrocheirus sp.	
Thelidioteuthis sp.	4557
Thelidioteuthis alessandrini (Verany 1851)	
s.f. Pyroteuthinae	4558
Pterygioteuthis sp.	4559
Pterygioteuthis gemmata Chun 1908	
Pterygioteuthis giardi Fischer 1895	
Pyroteuthis sp.	4560
Pyroteuthis margaritifera (Ruppell 1844)	
F. Octopoteuthidae	4561
Octopoteuthis sp.	4562
Octopoteuthis megaptera Verrill 1885	
Octopoteuthis sicula Ruppell 1884	
F. Onychoteuthidae	4563
Moroteuthis equatorialis Thiele 1921	
Onychoteuthis sp.	4564
Onychoteuthis banksi (Leach 1817)	
Onykia sp.	4565
Onykia caribaea LeSueur 1821	
F. Chiroteuthidae	4566
Chiroteuthis sp.	4567
Chiroteuthis lacertosa Verrill 1881	
F. Gonatidae	4568
Gonatus sp.	4569

Gonatus fabricii (Lichtenstein 1818)
Gonatus steenstrupii Kristensen 1981

F. Lepidoteuthidae 4570

Pholidoteuthis sp. 4572
Pholidoteuthis adami Voss 1956 - Scale Skin Squid
Tetronychoteuthis sp. 4571
Tetronychoteuthis dussumieri (Orbigny 1839)

F. Architeuthidae - Giant Squids 4573

Architeuthis dux Steenstrup 1857

F. Histioteuthidae 4574

Histioteuthis bonnellii (Ferussac 1835) 4575
Histioteuthis celetaria celetaria (Voss 1960) 4576
Histioteuthis corona corona (Voss and Voss 1962) 4577
Histioteuthis dofleini (Pfeffer 1912) 4578
Histioteuthis elongata (Voss and Voss 1962) 4579
Histioteuthis reversa (Verrill 1880) 4580

F. Bathyteuthidae 4581

Bathyteuthis abyssicola Hoyle 1885

F. Ctenopterygidae

Ctenopteryx sp. 4582
Ctenopteryx sicula (Verany 1851)

F. Brachioteuthidae

Brachioteuthis sp. 4583
Brachioteuthis beani Verrill 1885
Brachioteuthis riisei (Steenstrup 1882)

F. Mastigoteuthidae

Mastigoteuthis sp. 4584
Mastigoteuthis hjorti Chun 1913
Mastigoteuthis cordiformis Chun 1913
Mastigoteuthis agassizi Verrill 1881

F. Cranchiidae 4585

s.f. Cranchiinae 4586

Cranchia sp. 4587
Cranchia scabra Leach 1817
Leachia sp. 4588
Leachia atlantica (Degner 1925)
Liocranchia sp. 4589
Liocranchia reinhardti (Steenstrup 1856)

s.f. Taoniinae 4590

Egea sp. 4596
Egea inermis Joubin 1833
Galiteuthis sp. 4593
Galiteuthis armata Joubin 1889
Helicocranchia sp. 4594
Megalocranchia sp. 4595
Taonius sp. 4591
Taonius pavo (LeSueur 1821)
Teuthowenia sp. 4592
Teuthowenia megalops Prosch 1849

O. OCTOPODA - Octopus 4521

s.o. CIRRATA

F. Stauroteuthidae	4527
Stauroteuthis syrtensis Verrill 1879	
F. Opistoteuthidae	
Opistoteuthis agassizi Verrill 1883	
F. Cirroteuthidae	
Cirrothauma mulleri Eschricht 1838	
Cirrothauma murrayi Chun 1911	
s.o. INCIRRATA	4520
F. Bolitaenidae	4528
Eledonella pygmaea Verrill 1884	
Japetella diaphana Hoyle 1885	
F. Octopodidae	4529
s.f. Octopodinae	
Octopus defillippi Verany 1851	
s.f. Eledoninae	
Benthoctopus piscatorum (Verrill 1879)	
s.f. Bathypolypodinae	
Bathypolypus arcticus (Prosch 1849) - Offshore Octopus	4524
Graneledone verrucosa (Verrill 1881)	
F. Tremoctopodidae	4530
Tremoctopus violaceus delle Chiaje 1830 - Common Umbrella Octopus	
F. Argonautidae - Paper Nautiluses (Argonaut)	4532
Argonauta argo Linnaeus 1758 - Paper Nautilus	4531
F. Alloposidae	4533
Alloposus mollis Verrill 1880	
F. Ocythoidae	4534
Ocythoe tuberculata Rafinesque 1814	
O. SEPIOIDEA	4504
F. Sepiolidae - Squid	4536
s.f. Rossiinae	
Rossia hyatti (Verrill 1878) - OBSOLETE	4523
Rossia megaptera Verrill 1881	4526
Rossia palpebrosa Owen 1835	4525
Semirossia tenera (Verrill 1880) - Atlantic Bobtailed Squid	4522
s.f. Heteroteuthinae	4537
Heteroteuthis dispar (Ruppell 1845)	4538
Stoloteuthis leucoptera Verrill 1881 - Butterfly Squid	
s.f. Sepiolinae	
F. Spirulidae	4539
Spirula spirula (Linnaeus 1758) - Common spirula *note: shell only	
O. VAMPYROMORPHA	

F. Vampyroteuthidae	4535
Vampyroteuthis infernalis Chun 1903	
C. POLYPLACOPHORA - Chitons *6	**4700**
O. NEOLORICATA	
F. Mopaliidae	
Amicula vestita (Broderip and Sowerby 1829) - Concealed Arctic Chiton	4711
F. Ischnochitonidae - Chitons	
Ischnochiton sp.	4712
Tonicella rubra (Linne 1767) - Red Northern Chiton	4713
F. Lepidopleuridae	
Lepidopleurus cancellatus (Sowerby 1839) - Arctic Cancellate Chiton	4714
C. APLACOPHORA - Solenogasters	
O. CHAETODERMATIDA	
F. Chaetodermatidae	
Chaetoderma sp.	4720
P. ANNELIDA - Segmented Worms	**3000**
C. OLIGOCHAETA - Aquatic and Terrestrial Earthworms	**3175**
C. POLYCHAETA - Bristle Worms *2	**3100**
POLYCHAETA, Large (+3mm diameter)	3101
POLYCHAETA, Small (-3mm diameter)	3102
POLYCHAETA Larvae	3106
O. EUNICIDA	
F. Dorvilleidae	3090
F. Lumbrinereidae	3117
Lumbrineris fragilis	3122
Lumbrineris latreilli (Audoin & Milne Edwards 1833)	3123
Lumbrineris sp. - Lumbrinerid Thread Worms	3103
Lumbrineris tenuis	3118
Ninoe nigripes Verrill 1873	3119
F. Arabellidae - Thread Worms	3107
Arabella iricolor Montagu 1804 - Opal Worm	3116
Arabella sp.	3188
Drilonereis magna Webster and Benedict 1887 - Arabellid Thread Worm	3108
F. Eunicidae - Bristle Worms	3085
Eunice pennata (Muller 1776)	3109
F. Onuphidae	3460
Nothria conchylega (Sars 1835)	3166
O. STERNASPIDA	
F. Sternaspidae	
Sternaspis sp.	3105
Sternaspis scutata (Ranzani 1817)	3165
O. PHYLLODOCIDA	

F. Nephtyidae	3115
Aglaophamus circinata (Verrill 1874)	3181
Nephtys bucera (Ehlers 1868)	3182
Nephtys caeca	3184
Nephtys incisa (Malmgren 1865)	3183
Nephtys sp. - Red Lined Worms	3104
F. Tomopteridae - Plankton Worms	3134
F. Hesionidae	3195
F. Phyllodocidae - Paddle Worms	3114
Eteone sp. - Paddle Worms	3112
Eteone trilineata Webster and Benedict 1887 - Paddle Worm	3113
Eteone longa	3086
Eteone flava	3087
Phyllodoce groenlandica Oersted 1842	3111
Phyllodoce maculata	3088
Phyllodoce mucosa	3089
Phyllodoce sp.	3110
F. Syllidae	3126
Exogone sp.	3187
Exogone verugera (Claparede 1868)	3128
F. Nereidae - Clam Worms	3150
Nereis sp.	3130
Nereis gravi (Pettibone 1956)	3132
Nereis pelagica Linnaeus 1758	3131
Nereis zonata (Malmgren 1867)	3135
F. Glyceridae - Blood Worms	3230
Glycera sp. - Blood Worms	3550
Glycera capitata Oersted 1843 - Blood Worm	3551
F. Aphroditidae - Sea Mice	3210
Aphrodita sp.	3212
Aphrodita aculeata Linnaeus 1761 - OBSOLETE	3211
Aphrodita hastata Moore 1905 - Sea Mouse	3200
F. Goniadidae	3124
Goniada sp. - Chevron Worms	3121
Goniada maculata Oersted 1843	3120
Goniada norvegica	3127
F. Polynoidae - Scale Worms	3500
Gattyana sp.	3502
Harmothoe extenuata	3505
Harmothoe imbricata	3504
Harmothoe sp.	3503
Lepidonotus squamatus (Linnaeus 1758) - Twelve Scaled Worm	3501
O. ARICIIDA	
F. Orbiniidae	3270
Scoloplos sp. - Orbiniid Worms	3167
O. CIRRATULIDA	
F. Cirratulidae	3280
O. SABELLIDA	
F. Sabellidae - Sand Builder Worms	3138

Chone duneri	3168
Chone sp.	3221
Euchone sp.	3222
Potamilla neglecta (Sars 1851) - Fan Worm	3147
Potamilla reniformis Leukart xxxx	3136
Sabella sp. - Peacock Worms	3140
F. Serpulidae	
Spirorbis sp.	2535
O. TEREBELLIDA - Tube Worms	3189
F. Terebellidae	3160
Amphitrite affinis	3192
Amphitrite cirrata	3193
Amphitrite sp. - Terebellid Worm	3148
Streblosoma spiralis	3197
Terebellides stroemi (Sars 1835)	3151
Thelepus cincinnatus	3191
F. Pectinariidae	3139
Pectinaria sp.	3144
Pectinaria gouldii (Verrill 1873) - Trumpet Worm	3142
Pectinaria granulata (Linnaeus 1767)	3149
F. Ampharetidae	3146
Ampharete finmarchica	3177
Ampharete sp.	3176
Anobothrus gracilis (Malmgren 1866)	3155
Melinna elizabethae	3129
Melinna cristata (Sars 1851) - Ampharetid worm	3137
Samytha sexcirrata (Sars 1856)	3154
O. CAPITELLIDA - Capitellid Thread Worms	
F. Capitellidae	3133
F. Maldanidae - Filament Tube Worms	3143
Leiochone sp.	3163
Praxillella sp.	3145
Rhodine sp.	3141
Nicomache canadensis McIntosh 1913	3125
F. Opheliidae - Opheliid Worms	3153
Ophelia acuminuta Oersted 1843	3157
Ophelia limacina Rathke 1843	3156
Ophelia sp.	3159
Travisia carnea	3179
F. Arenicolidae - Lugworms	
Arenicola marina (Linnaeus 1758) - Lugworm	3161
F. Scalibregmidae	
Scalibregma inflatum (Rathke 1843)	3152
O. SPIONIDA	
F. Apistobranchidae	3158
F. Spionidae - Mud Worms	3164
F. Paraonidae	
Aricidea sp.	3162
Paraonis lyra (Southern 1914)	3169

O. FLABELLIGERIDA	
F. Flabelligeridae	3170
Brada sp. - Flabelligerid Worms	3172
Brada villosa	3186
Diplocirrus hirsutus (Hansen 1879) - Flabelligerid Worm	3174
Pherusa affinis	3178
Pherusa pherusa xxxx - Flabelligerid Worm	3171
Pherusa sp. - Flabelligerid Worms	3173
O. OWENIIDA	
F. Oweniidae - Bamboo Worms	3194
Owenia fusiformis (delle Chiaje 1844)	3196
P. ACANTHOCEPHALA - Parasitic worms	**3400**
P. GEPHYREA (SIPUNCULA) *2	**3300**
Golfingia sp.	3701
Phascolosoma sp.	3320
Phascolosoma gouldii (Pourtales 1851) - Gould`s Sipunculid	3313
Phascolion strombi	3314
Sipunculus sp.	3700
Themiste sp.	3312
P. ECHIURIDA - Echiurid Worms *4	**3330**
F. Echiuridae	3340
Echiurus echiurus (Pallas 1766)	3311
P. ARTHROPODA - Joint-Legged Animals *2	
s.p. MANDIBULATA	
C. CRUSTACEA	**2000**
CRUSTACEA Larvae	2001
s.c. MALACOSTRACA	
O. DECAPODA - Shrimps *10	2100
DECAPODA Larvae	2010
S. CARIDEA - Free Swimming Shrimps	3240
F. Pandalidae - Shrimps	2200
Dichelopandalus sp.	2215
Dichelopandalus leptocerus (Smith 1881)	2214
Pandalus sp. - Boreal Red Shrimps	2210
Pandalus borealis Kroyer 1838 - Northern Shrimp	2211
Pandalus montagui Leach 1813 - Aesop Shrimp	2212
Pandalus propinquus G. O. Sars 1869	2213
F. Pasiphaeidae	2219
Pasiphaea multidentata Esmarck 1866 - Pink Glass Shrimp	2221
Pasiphaea tarda Kroyer 1845 - Shrimp	2220
F. Hippolytidae - Shrimps	2300
Caridion gordoni (Bate 1858)	2318
Eualus sp.	2330
Eualus fabricii Kroyer 1841	2332
Eualus gaimardii (H. Milne Edwards 1837)	2333
Eualus macilentus (Kroyer 1842) - Greenland Shrimp	2331
Eualus pusiolus (Kroyer 1841)	2317
Hippolyte zostericola (Smith 1873) - Eel Grass Shrimp	2309
Lebbeus sp.	2320

Lebbeus groenlandicus (Fabricus 1775)	2319
Lebbeus polaris (Sabine 1821)	2312
Lebbeus zebra (Leim 1921)	2321
Spirontocaris sp.	2310
Spirontocaris fabricii (Kroyer xxxx) - OBSOLETE	2311
Spirontocaris liljeborgii (Danielssen 1859) - Friendly Spine Shrimp	2313
Spirontocaris macilenta - OBSOLETE	2314
Spirontocaris phippsii (Kroyer 1841)	2315
Spirontocaris spinus (Sowerby 1805) - Parrot Shrimp	2316
F. Crangonidae - Snapping Shrimp	2400
Argis sp.	2410
Argis dentata (Rathbun 1902)	2411
Crangon sp.	2416
Crangon septemspinosa Say 1818 - Sand Shrimp	2417
Pontophilus brevirostris Smith 1881 - Rock Shrimp	2412
Pontophilus norvegicus	2415
Sabinea sp.	2420
Sabinea septemcarinata (Sabine 1824)	2421
Sclerocrangon sp.	2413
Sclerocrangon boreas (Phipps 1774) - Red Sand Shrimp	2414
Snapping Shrimp - OBSOLETE	2401
F. Palaemonidae - Prawns	2240
Palaemonetes vulgaris (Say 1818) - Common Shore Shrimp, Common Prawn	2245
S. PENAEIDA	
F. Penaeidae	2450
S. BRACHYURA - Brachiuran Crabs	2510
F. Calappidae	2508
Calappa megalops	2529
F. Cancridae - Rock and Jonah Crabs	2509
Cancer sp.	2524
Cancer borealis Stimpson 1859 - Jonah Crab	2511
Cancer irroratus Say 1817 - Atlantic Rock Crab	2513
F. Xanthidae - Mud Crabs	
Neopanope sayi (Smith 1869) - Black Fingered Mud Crab	
F. Majidae - Spider Crabs, Unidentified	2519
Chionoecetes sp. - Spider/Queen, Snow Crab - OBSOLETE	2522
Chionoecetes opilio (Fabricius 1780) - Snow/Queen Crab	2526
Hyas sp. - Toad Crabs (NS)	2520
Hyas araneus (Linnaeus 1758) - Toad Crab	2527
Hyas coarctatus Leach 1815 - Toad Crab	2521
F. Portunidae - Swimming Crabs	2515
Bathynectes superba	6006
Callinectes sapidus Rathbun 1896 - Blue Crab	2512
Carcinus maenas (Linnaeus 1758) - Green Crab	2531
F. Geryonidae	
Geryon quinquedens Smith 1879 - Deep Sea Red Crab	2532
F. Raninidae	
Lyreidus bairdii	2533
S. MACURA - Lobsters, Crayfish, Shrimps, Hermit Crabs, and Prawns	
S.F. ASTACIDEA - Lobsters and Crayfishes	

F. Nephropsidae - American and European Lobsters	
Homarus americanus H. Milne Edwards 1837 - Lobster	2550
Homarus americanus Larvae	2551
S.F. THALASSINIDAE - Mud Shrimp	2565
F. Axiidae	2540
Axius serratus Stimpson 1852	2541
Calocaris macandreae Bell 1853	2567
S. ANOMURA - Hermit Crabs, etc.	
S.F. GALATHEIDEA - Crabs	
F. Galatheidae	2554
Munida iris A. Milne Edwards 1880	2555
Munida valida	2556
S.F. PAGUROIDEA - Hermit Crabs	2560
F. Lithodidae	
Lithodes and *Neolithodes* sp. - Spiny Crab	2525
Lithodes maja (Linnaeus 1758) - Northern Stone Crab	2523
Munidopsis curvirostra Whiteaves 1874	2566
Neolithodes grimaldi Milne-Edwards and Bouvier 1894 - Spiny Spider Crab	2528
F. Paguridae - Hermit Crabs	2559
Pagurus sp.	2561
Pagurus acadianus Bendict 1901 - Acadian Hermit Crab	2562
Pagurus arcuatus	2568
Pagurus kroyeri Stimpson 1859 - OBSOLETE	2563
Pagurus politus (Smith 1882)	2558
Pagurus pubescens Kroyer 1838	2564
O. EUPHAUSIACEA - Krill Shrimp *2	2600
F. Euphausiidae	2610
Euphausia sp.	2612
Euphausia krohni (Brandt 1851)	2613
Meganyctiphanes norvegica (M. Sars 1857) - Horned Krill Shrimp	2611
Thysanoessa sp.	2620
Thysanoessa acutifrons xxxx	2624
Thysanoessa inermis (Kroyer 1846)	2622
Thysanoessa longicaudata (Kroyer 1846)	2623
Thysanoessa raschii M. Sars 1863	2621
O. EUPHAUSIACEA and MYSIDACEA - Krill and Mysid Shrimp	2699
O. MYSIDACEA - Mysid Shrimp *9	2700
F. Mysidae	2715
Boreomysis tridens G. O. Sars 1870	2735
Erythrops erythropthalma (Goes 1863)	2731
Meterythrops robustus S. I. Smith 1879	2732
Mysis sp.	2710
Mysis gaspensis Tattersall 1955	2713
Mysis mixta Lilljeborg 1852	2712
Mysis occulata	2714
Mysis stenolepis S. I. Smith 1873 - Opossum Shrimp	2711
Neomysis americana (S. I. Smith 1873)	2734
Pseudomma affine G. O. Sars 1870	2721
Pseudomma truncatum S. I. Smith 1879	2722
Stilomysis grandis (Goes 1863)	2733
O. AMPHIPODA - Beach Fleas, Souds, etc. *2	2800
s.o. GAMMARIDEA *12 .	2819

F. Ampeliscidae	2855
Ampelisca agassizi (Judd 1896) - Four Eyed Amphipod	2857
Ampelisca macrocephala	2864
Ampelisca sp.	2858
Byblis serrata	2863
Haploops laevis xxxx	2856
Haploops sp.	2816
F. Amphithoidae	2860
F. Paramphithoidae	
Paramphithoe hystrix Bruzelius 1858	2805
F. Gammaridae - Scuds	2811
Casco bigelowi (Shoemaker 1930)	2813
Gammarus sp.	2820
Lilljeborgia sp.	2843
Melita dentata (Kroyer 1842)	2812
Melita sp.	2814
F. Haustoriidae	2894
Priscillina armata	2895
F. Ischyroceridae	2897
Ischyroceros anguipes	2878
Ischyroceros sp.	2890
F. Photidae	
Gammaropsis maculatus	2859
Leptocheirus pinguis (Stimpson 1853) - Purple Amphi	2822
F. Calliopiidae	
Halirages fulvocinctus (Sars 1854)	2875
Haliragoides inermis	2876
Rozinante fragilis (Goes 1866)	2861
F. Melitidae	
Ceradocus torelli (Goes 1866)	2821
Maera loveni (Bruzelius 1859)	2825
Maera sp.	2808
F. Eusiridae	
Rhachotropis sp.	2846
Rhachotropis aculeata Lepectin 1778	2848
Rhachotropis inflata (G. O. Sars 1882)	2847
Rhachotropis oculata	2887
F. Pardaliscidae	2806
Pardalisca cuspidata	2791
Pardalisca sp.	2790
Pardalisca tenuipes	2792
F. Pontogeneiidae	2865
F. Lysianassidae	2830
Anonyx lilljeborgi	2868
Anonyx sarsi	2844
Anonyx sp.	2833
Hippomedon sp.	2838
Hippomedon denterulatus (Bate xxxx)	2835
Hippomedon propinquus G. O. Sars 1890	2836
Hippomedon serratus Holmes 1903	2829
Orchomonella minuta	2869
Orchomonella pinguis (Boeck 1861)	2834

Orchomonella sp.	2831
Tmetonyx cicada (Fabricius 1780)	2837
Tmetonyx sp.	2832
F. Podoceridae	
Dulichia monacantha	2818
Dulichia sp.	2827
Dulichia spinosissima	2817
Dyopedos porrectus	2898
F. Corophiidae	2840
Erichthonius rubricornis	2536
Unciola inermis	2839
Unciola irrorata (Say 1818)	2537
Unciola sp. - Red Amphi	2823
F. Stenothoidae	
Stenothoe brevicornis	2815
F. Phoxocephalidae	2845
Harpinia crenulata Boeck xxxx	2862
Harpinia propinqua Sars 1895	2849
Harpinia sp.	2852
Phoxocephalus holbolli	2853
Phoxocephalus sp.	2854
F. Tironidae	2850
Syrrhoe crenulata	2877
Syrrhoe sp.	2851
Tiron sp.	2828
F. Pleustidae	2807
Neopleustes pulchellus Kroyer xxxx	2866
Pleustes medius	2826
Pleustes panopla (Kroyer 1838)	2867
F. Oedicerotidae	2880
Arrhis phyllonyx	2803
Monoculodes sp.	2881
Monoculodes borealis	2879
Monoculodes edwardsi (Holmes 1905)	2885
Monoculodes latimanus	2886
Paroediceros longimanus (M. Sars 1858)	2884
Paroediceros lynceus (M. Sars 1858)	2882
Paroediceros propinquis (Goes 1866)	2883
Paroediceros sp.	2842
F. Aoridae	2841
Neohela monstrosa	2804
s.o. CAPRELLIDEA *2	
F. Caprellidae - Skeleton Shrimps	2870
Aeginina longicornis (Kroyer 1842)	2873
Caprella linearis (Linnaeus 1767)	2871
Caprella septentrionalis Kroyer 1838	2872
Caprella sp.	2874
s.o. HYPERIIDEA	2905
F. Phronimidae	
Phronima sp.	2946
F. Hyperiidae	2906

Hyperia sp.	2810
Hyperia galba (Montagu 1813) - Big Eyed Amphipod	2903
Hyperia medusarum	2801
Hyperia oculata	2802
Parathemisto sp.	2809
Parathemisto compressa (Goes 1865)	2904
Parathemisto gaudichaudi (Guerin xxxx)	2941
Parathemisto oblivia (Kroyer 1838)	2907
O. NEBALIACEA	
Nebalia sp.	2961
Nebalia bipes (Fabricius 1780) - Nebalia Shrimp	2960
s.c. BRANCHIOPODA	
O. CLADOCERA - Water Fleas	2350
F. Polyphemidae	
Evadne sp.	2352
Podon sp.	2351
s.c. OSTRACODA - Water Fleas *4	2650
s.c. COPEPODA *15	2900
COPEPODA, Large (+3mm diameter)	2901
COPEPODA, Small (3mm or less in diameter)	2902
COPEPODA, Nauplii	2938
O. CALANOIDA - Copepods	2939
Paracalanus, *Clausocalanus* and *Calocalanus* sp.	2909
F. Calanidae	
Calanus sp.	2910
Calanus finmarchicus (Gunnerus 1765)	2911
Calanus hyperboreus Kroyer 1838	2912
Microcalanus pusillus Sars xxxx	2937
F. Candaciidae	
Candacia sp.	2913
Candacia armata (Boeck 1872)	2915
F. Centropagidae	
Centropages sp.	2914
Centropages bradyi Wheeler 1900	2916
Centropages typicus Kroyer 1902	2935
F. Pseudocalanidae	
Clausocalanus sp.	2899
Pseudocalanus sp.	2917
Pseudocalanus elongatus (Kroyer 1849)	2918
F. Temoridae	
Temora sp.	2919
Temora longicornis (Muller 1902)	2936
F. Euchaetidae	
Euchaeta norvegica Boeck 1902	2921
F. Aetideidae	
Aetideus armatus (Boeck 1872)	2942

Euchirella sp.	2922
F. Acartiidae	
Acartia longiremis (Lilljeborg 1853)	2923
F. Metridiidae	
Metridia sp.	2933
Metridia longa (Lubbock 1854)	2925
Metridia lucens Boeck 1902	2924
Pleuromamma sp.	2926
F. Paracalanidae	
Calocalanus sp.	
Paracalanus sp.	2932
Paracalanus parvus (Claus 1863)	2934
O. CYCLOPOIDA	2945
F. Monstrillidae	
Monstrilla sp.	2908
F. Oithonidae	
Oithona sp.	2920
Oithona similis Claus 1913	2928
Oithona spinirostris Claus 1913	2930
O. LERNAEOPODOIDA	
F. Sphyriidae	
Sphyrion lumpi (Kroyer 1863)	2927
F. Lernaeopodidae	
Clavella sp.	2931
O. CALIGOIDA	
F. Lernaeidae - Ribbon Lice	
Lernaeocera branchialis (Linnaeus 1767)	2929
F. Caligidae	
Caligus sp.	2943
O. TANAIDACEA *4	
F. Tanaidae	2940
O. CUMACEA *13	2970
F. Diastylidae	
Diastylis sp.	2971
Diastylis polita (S. I. Smith 1879)	2973
Diastylis quadrispinosa	2978
Diastylis rathkei (Kroyer 1841)	2972
F. Nannastacidae	
Campylaspis sp.	2977
F. Bodotriidae	
Leptocuma minor Calman 1912	2974
F. Leuconidae	2969

Eudorella biplicata	2962
Eudorella emarginata (Kroyer 1846)	2976
Eudorella integra	2963
Eudorella pusilla	2979
Eudorella truncatula (Bate 1856)	2966
Eudorella sp.	2965
Leucon nasicoides Lilljeborg 1855	2975
O. ISOPODA *14	2980
Red Isopod *7	2824
s.o. ANTHURIDEA	3050
F. Anthuridae	3051
Calathura branchiata Stimpson xxxx	2999
s.o. FLABELLIFERA	
F. Aegidae	3030
Aega psora (Linnaeus 1761)	2981
F. Cirolanidae - Greedy Isopods	2991
Cirolana polita (Stimpson 1853)	2998
Cirolana sp.	2968
s.o. GNATHIIDEA	
F. Gnathiidae	
Gnathia cerina Stimpson xxxx	2993
s.o. VALVIFERA	
F. Idoteidae	2992
Chiridotea sp.	2997
Chiridotea tuftsi (Stimpson 1853)	2984
Edotea triloba (Say 1818) - Brown Isopod	2989
Idotea sp.	2996
Idotea baltica (Pallas 1772)	2982
Idotea phosphorea Harger 1873	2983
Synidotea nodulosa (Kroyer 1849)	2985
s.o. ASELLOTA	
F. Munnopsidae	
Munnopsis typica M. Sars 1860	2986
F. Janiridae	
Jaera marina (Fabricius 1780) - Little Shore Isopod	2994
Janira alta (Stimpson 1853)	2950
s.o. EPICARIDEA	
F. Bopyridae	
Phryxus abdominalis (Kroyer 1840)	2987
Bopyroides hippolytes (Kroyer 1838)	2988
s.c. CIRRIPEDIA - Barnacles	2990
F. Balanidae - Sea Acorn Barnacles	2995
s.p. CHELICERATA *4	
C. MEROSTOMATA - Horse-Shoe Crabs *4	

Limulus polyphemus (Linnaeus xxxx) - American Horse Shoe Crab	2514
s.p. PYCNOGONIDA - Sea Spiders *2	5100
C. PANTOPODA	
F. Pycnogonidae	5101
Pycnogonum littorale (Strom 1762) - Anemone Sea Spider	5102
F. Nymphonidae	
Nymphon macrum Wilson 1880	2892
Nymphon longitarse Kroyer 1844	2891
Nymphon sp.	2893
C. INSECTA - Land Insects	**9405**
O. DIPTERA - Biting Flies	9406
O. COLLEMBOLA - Springtails	
F. Poduridae	
Anurida maritima (Guerin xxxx)	2896
P. CHAETOGNATHA - Arrow Worms *2	**5000**
Sagitta sp. - Arrow Worms	5012
Sagitta elegans Verrill 1873	5011
P. ECHINODERMATA - Spiny-Skinned Animals *4	**6000**
C. STELLEROIDEA - Sea Stars and Brittle Stars	
s.c. ASTEROIDEA - Starfishes	6100
O. FORCIPULATIDA	
F. Asteriidae	
Asterias sp.	6110
Asterias vulgaris Verrill 1866 - Purple Starfish	6111
Leptasterias mulleri (M. Sars xxxx) - Muller's Starfish	6132
Leptasterias polaris (Muller and Troschel 1842) - Polar Sea Star	6113
Leptasterias tenera (Stimpson 1862) - Slender-Armed Sea Star	6134
O. SPINULOSIDA	
F. Echinasteridae	
Henricia sanguinolenta (Muller 1776) - Blood Star	6119
F. Solasteridae - Sun Stars	
Solaster endeca (Linnaeus 1771) - Purple Sunstar	6121
Solaster papposus (Linnaeus 1780) - Common Sunstar	6123
F. Pterasteridae	
Diplopteraster multipes (Sars 1865)	6131
Pteraster militaris (Muller 1776)	6125
F. Poraniidae	
Poraniomorpha borealis Verrill xxxx	6130
Poraniomorpha hispida Sars xxxx	6129
O. VALVATIDA	
F. Goniasteridae	
Hippasteria phrygiana (Parelius 1770) - Red Gold-Bordered Sea Star	6117
Pentagonaster tosia xxxx	6127

O. PAXILLOSIDA	
F. Goniopectinidae	
Ctenodiscus crispatus (Retzius 1805) - Mud Star	6115
F. Astropectinidae - Margined Sea Stars	
Astropecten duplicatus Gray xxxx	6135
Psilaster archaster xxxx	6128
F. Benthopectinidae	
Pontaster sp.	6133
s.c. OPHIUROIDEA - Brittle and Basket Stars	6200
O. OPHIURIDA	
F. Ophiactidae - Brittle Stars	
Ophiopholis aculeata (Linnaeus 1788) - Daisy Brittle Star	6211
F. Ophiuridae	
Ophiura sp.	6212
Ophiura robusta (Ayres 1851)	6215
Ophiura sarsi Lutken 1858	6213
Stegophiura nodosa (Lutken 1858)	6217
O. PHRYNOPHIURIDA	
F. Gorgonocephalida and Asteronychidae - Basket Stars	6300
F. Gorgonocephalida - Basket Stars	6309
Gorgonocephalus sp.	6310
C. ECHINOIDEA - Sea Urchins, Cake Urchins, and Heart Urchins	**6397**
O. ECHINOIDA	
F. Strongylocentrotidae - Sea Urchins	
Strongylocentrotus sp. - Sea Urchins	6400
Strongylocentrotus droebachiensis (Muller 1776) - Green Sea Urchin	6411
Strongylocentrotus echinoides xxxx	6412
O. ARBACIOIDA	
F. Arbaciidae - Sea Urchins	
Arabacia sp.	6420
Arabacia punctulata (Lamarck 1816) - Purple Sea Urchin	6421
O. CLYPEASTEROIDA - Cake Urchins	6500
F. Echinarachnidae - Sand Dollars	
Echinarachnius parma (Lamarck 1816) - Sand Dollar	6511
O. SPATANGOIDA - Heart Urchins	
F. Schizasteridae	
Brisaster fragilis (Duben and Koren 1844) - Heart Urchin	6413
F. Spatangidae	
Echinocardium cordatum (Pennant xxxx)	6801
C. HOLOTHUROIDEA - Sea Cucumbers	**6600**

O. DENDROCHIROTIDA	
Cucumariidae and Psolidae (Psoluses, Thyones, etc. Unidentified)	6700
F. Cucumariidae	
Cucumaria frondosa (Gunnerus 1770) - Large Northern Cucumber	6611
Duasmodactyla commune (Forbes xxxx)	6716
Thyone unisemita (Stimpson 1851)	6712
Thyone sp.	6714
F. Phyllophoridae	6705
Havelockia scabra Verrill 1873 - Hairy Cucumber	6711
F. Psolidae	
Psolus fabricii (Duben and Koren 1846) - Scarlett Psolus	6713
Psolus phantapus (Strussendelt 1765) - Brown Psolus	6715
Psolus sp.	6710
O. MOLPADIIDA	
F. Molpadiidae	
Molpadia sp.	6718
Molpadia musculus Risso xxxx	6720
F. Caudinidae	
Caudina arenata Gould 1841	6717
O. APODIDA	
F. Chiridotidae	
Chiridota laevis (Fabricius 1780)	6719
C. CRINOIDEA - Sea Lilies and Feather Stars	**6900**
P. CHORDATA - Protochordates and Vertebrates	
s.p. PROTOCHORDATA (UROCHORDATE and CEPHLACORDATE)	1800
Amphioxus sp. - Sand Blister *16	1828
s.p. TUNICATA (UROCHORDATA)	1810
C. ASCIDIACEA - Sea Squirts (Ascidians)	
O. ENTEROGONA	
F. Ascidiidae - Ascidians	
Ascidia sp. Adult	1820
Ascidia sp. - Sea Squirt	1821
Ascidia sp. Larvae	1825
O. PLEUROGONA	
F. Styelidae	
Dendrodoa sp. - Gooseberry Sea Squirts	1822
Pelonaia sp. *11	1824
F. Pyuridae	
Boltenia sp. - Sea Potato	1823
Halocynthia pyriformis (Rathke 1806) - Sea Peach	1827
F. Molgulidae	1815
Molgula manhattensis (DeKay 1843) - Sea Grapes	1826

C. LARVACEA	**1830**
F. Oikopleuridae	
Oikopleura sp.	1831
C. THALIACEA	**1845**
F. Salpidae - Salpas	1840
s.p. VERTEBRATA	
C. AVES - Land Birds	**9410**
C. REPTILIA	
O. CHELONIA - Tortoises and Sea-Going Turtles	9430
Unidentified Fish and Invertebrates	9001
Unidentified Fish and other remains	9002
Unidentified Fish and Eggs	9003
Unidentified Fish (Larvae, Juvenile, and Adults)	0090
Groundfish (Non-specified)	0253
Pelagic Fish (Non-specified)	0256
Finfishes (Non-specified)	0100
C. AGNATHA - Jawless Fishes *17	
O. PETROMYZONIFORMES - Lampreys (NS)	
F. Petromyzonidae - Lampreys	
Lampetra japonica (Martens)	0841
Lampetra lamottei (Lesueur)	0842
Petromyzon marinus Linnaeus 1758 - Sea Lamprey	0240
O. MYXINIFORMES - Hagfishes (NS)	
F. Myxinidae - Hagfishes (NS)	
Myxine glutinosa Linnaeus 1758 - Northern Hagfish	0241
C. SALACHII (CHONDRICHTHYES) *17 - Cartilaginous Fishes	**0275**
S.O. BATOIDEA - Skates and Rays	0219
O. RAJIFORMES - Skates, Rays, etc.	
F. Rajidae - Skates	0211
Breviraja spinosa (Bigelow & Schroeder 1950)	0591
Raja bathyphila Holt and Byrne 1908 - Abyssal Skate	0212
Raja bigelow (Stehmann 1978)	0589
Raja eglanteria Bosc 1802 - Brier Skate	0206
Raja erinacea Mitchill 1825 - Little Skate	0203
Raja fyllae Lutken 1887 - Round Skate	0207
Raja garmani	0967
Raja hyperborea Collett 1878 - Arctic Skate	0210
Raja jenseni Bigelow and Schroeder 1950 - Jensen's Skate	0209
Raja laevis Mitchill 1817 - Barndoor Skate	0200
Raja lentiginosa	0969
Raja lintea Fries 1838 - White Skate	0217
Raja mollis Bigelow and Schroeder 1950 - Soft Skate	0208
Raja ocellata Mitchill 1815 - Winter Skate	0204
Raja radiata Donovan 1807 - Thorny Skate	0201
Raja senta Garman 1885 - Smooth Skate	0202
Raja spinicauda Jensen 1914 - Spiny-tail Skate	0205
O. MYLIOBATIFORMES - Rays	0214
F. Dasyatidae - Stingrays	

Dasyatis centroura (Mitchill 1815) - Roughtail Stingray	0213
Dasyatis violacea (Bonaparte 1832) - Pelagic Stingray	0218

F. Mobulidae - Mantas/Devilfishes

Manta birostris (Walbaum 1792) - Atlantic Manta	0225

O. TORPEDINIFORMES - Electric Rays (NS)

F. Torpedinidae - Electric Rays

Torpedo nobiliana Bonaparte 1835 - Atlantic Torpedo	0216

S.O. GALEOMORPHII

O. LAMNIFORMES

F. Odontaspididae - Sand Tigers

Odontaspis taurus Rafinesque 1841 - Sand Shark	0215

F. Alopiidae - Thresher Sharks

Alopias vulpinus (Bonnaterre 1788) - Thresher Shark	0234

F. Lamnidae - Mackerel Sharks

Carcharodon carcharias (Linnaeus 1758) - White Shark	0232
Cetorhinus maximus (Gunnerus 1765) - Basking Shark	0233
Isurus oxyrinchus Rafinesque 1810 - Shortfin Mako	0238
Lamna nasus (Bonnaterre 1788) - Porbeagle, Mackerel Shark	0230

O. CARCHARHINIFORMES - Requiem Sharks (NS)

F. Scyliorhinidae - Cat Sharks

Apristurus laurussoni	0947
Apristurus profundorum (Goode and Bean 1896) - Deepsea Cat Shark	0239

F. Carcharhinidae - Requiem Sharks

Carcharhinus limbatus (Valenciennes)	0965
Carcharhinus longimanus (Poey 1861) - Oceanic Whitetip Shark	0244
Carcharhinus milberti Jordan and Gilbert 1883 - Sandbar Shark	0245
Carcharhinus obscurus (LeSeuer 1818) - Dusky Shark	0246
Mustelus canis (Mitchill 1815) - Smooth Dogfish	0222
Prionace glauca (Linnaeus 1758) - Blue Shark	0231
Rhizoprionodon terraenovae (Richardson 1836) - Atlantic Sharpnose Shark	0235

F. Sphyrnidae - Hammerhead Sharks

Sphyrna zygaena (Linnaeus 1758) - Smooth Hammerhead	0236

O. CHIMAERIFORMES

F. Chimaeridae - Chimaeras

Harriotta raleighana Goode and Bean 1895 - Longnose Chimera	0247
Hydrolagus affinis (Brito Capello 1868) - Deepwater Chimera	0242

F. Rhinochimaeridae

Rhinochimaera atlantica Holte and Byrne 1909 - Knifenose Chimera	0248

O. AMIIFORMES - Bowfins

F. Amiidae

Amia calva (Linnaeus)	0890

O. ACIPENSERIFORMES - Sturgeons (NS)

F. Acipenseridae - Sturgeons	0272
Acipenser brevirostrum LeSueur 1818 - Shortnose Sturgeon	0249
Acipenser oxyrhynchus Mitchill 1815 - Atlantic Sturgeon	0243
O. SEMIONOTIFORMES	
F. Lepisosteidae - Gars	
Lepisosteus osseus (Linnaeus 1758) - Longnose Gar	0250
S.O. SQUALOMORPHII	
O. SQUALIFORMES - Large Sharks (NS)	
F. Squalidae - Dogfishes (NS)	0274
Centroscyllium fabricii (Reinhardt 1825) - Black Dogfish	0221
Centroscymnus coelolepis Bocage and Brito Capello 1864 - Portugese Shark	0223
Etmopterus princeps Collett 1904 - Rough Sagre	0224
Somniosus microcephalus (Bloch and Schneider 1801) - Greenland Shark	0237
Squaliolus laticaudus (Smith and Radcliffe 1912)	0573
Squalus acanthias Linnaeus 1758 - Spiny Dogfish	0220
C. OSTEICHTHYES - Bony Fishes *17	**0560**
F. Clupeidae/Osmeridae - Herring/Capelin-like Fishes	0290
O. ELOPIFORMES - Tarpons	
F. Elopidae - Tarpons	
Elops saurus Linnaeus 1766 - Lady Fish	0349
Megalops atlanticus Valenciennes 1847 - Tarpon	0167
O. ALBULIFORMES - Bonefishes (NS)	
F. Albulidae - Bonefishes	
Albula sp.	0837
Albula vulpes (Linnaeus 1758) - Bonefish	0175
F. Halosauridae - Halosaurus (NS)	0490
Aldrovandia phalacra (Vaillant 1888)	0865
Tiluropsis sp.	0491
F. Notacanthidae - Spiny Eels	0662
Lipogenys gillii Goode and Bean 1896 - Backfin Tapirfish	0615
Notacanthus chemnitzi Bloch 1788 - Spiny Eel	0740
Polyacanthonotus rissoanus (deFilippi and Verany 1859) - Shortspine Tarpirfish	0739
O. ANGUILLIFORMES - Eels (NS)	
s.o. ANGUILLOIDEI - Unidentified Eels	0634
F. Anguillidae - Fresh-water Eels	0648
Anguilla anguilla Shaw 1803 - European Eel	0651
Anguilla rostrata (LeSueur 1817) - American Eel	0600
F. Muraenidae - Morays	0425
Anarchias yoshiae Kanazawa 1952 - Pygmy Moray	0426
Gymnothorax funebris Ranzani 1840 - Green Moray	0606
Gymnothorax sp.	0427
F. Congridae - Congers	0429
Ariosoma balearicum (Delaroche 1809)	0579
Ariosoma sp.	0430
Conger oceanicus (Mitchill 1818) - Conger Eel	0608

Conger sp.	0431
Hildebrandia sp.	0432
Nystactichthys sp.	0433
Paraconger caudilimbatus (Poey XXXX) - Margintail conger	0829
Paraconger sp.	0434
Pseudophichthus splendens (Lea xxxx)	0435
Rhechias sp.	0436
Uroconger sp.	0437
Uroconger syringinus Ginsburg 1954 - Threadtail Conger	0438
F. Serrivomeridae	
Serrivomer beani Gill and Ryder 1883 - Stout Sawpalate	0613
Serrivomer brevidentatus Roule and Bertin 1929	0638
Serrivomer sp.	0656
F. Ophichthidae - Snake Eels	0440
Ahlia egmontis (Jordan 1884) - Key Worm Eel	0441
Apterichtus ansp (Bohlke 1968) - Academy Eel	0442
Apterichtus kendalli (Gilbert 1889) - Finless Eel	0443
Bascanichthys bascanium (Jordan 1884) - Sooty Eel	0444
Callechelys muraena Jordan and Evermann 1886 - Blotched Snake Eel	0446
Callechelys sp.	0445
Echiophis sp.	0447
Gordiichthys leibyi	0838
Letharchus aliculatus - Sailfin eel	0839
Myrophis platyrhynchus (Breder xxxx)	0448
Myrophis punctatus (Lutken 1851) - Speckled Worm Eel	0449
Ophichthus cruentifer (Goode and Bean 1896) - Margined Snake Eel	0609
Ophichthus gomesi (Castelnau 1855) - Shrimp Eel	0451
Ophichthus ocellatus (LeSueur 1825) - Pale Spotted Eel	0452
Ophichthus puncticeps	0499
Ophichthus sp.	0450
F. Derichthyidae - Long Neck Eels (NS)	
Derichthys serpentinus Gill 1884 - Neck Eel	0612
Nessorhamphus ingolfianus (Schmidt 1930) - Duckbill Oceanic Eel	0607
F. Synaphobranchidae - Cutthroat Eels	0455
Simenchelys parasiticus Gill 1879 - Snubnose Eel	0601
Synaphobranchus kaupi Johnston 1862 - Gray's Cutthroat Eel	0602
s.f. Synaphobranchinae	0456
s.f. Simenchelyinae - Snubnose Eels	0457
s.f. Dysomminae	0458
Dysomma sp.	0459
F. Nemichthyidae - Snipe Eels	0463
Avocettina infans	0913
Nemichthys curvirostris (Stromman 1896)	0562
Nemichthys scolopaceus Richardson 1848 - Slender Snipe Eel	0604
Nemichthys sp.	0464
s.o. SACCOPHARYNGOIDEI - Gulpers (NS)	
F. Eurypharyngidae - Gulpers	
Eurypharynx pelecanoides Vaillant 1882 - Pelican Gulper	0614
F. Moringuidea - Spaghetti Eels	0470
Moringua edwardsi (Jordan and Bollman 1889) - Spaghetti Eel	0471
Neoconger mucronatus Girard 1859 - Ridged or Slender Pike Eel	0472
Neoconger sp.	0567
F. Nettastomatidae - Duckbill Eels	0475
Facciolella sp. - Witch Eels	0659
Hoplunnis sp. - Pike Congers	0477

Nettastoma sp. - Duckbill Eels	0476
F. Xenocongridae - False Morays	0480
Chlopsis bicolor Rafinesque 1810 - Bicolor Eel	0481
Chlopsis sp.	0369
Kaupichthys hyoproroides (Stromman 1896) - False Moray	0482
F. Muraenesocidae	0485
Paraxenomystax sp.	0486
O. CLUPEIFORMES - Herring - like Fishes	
F. Clupeidae - Herring (NS)	0336
Alosa aestivalis (Mitchill 1815) - Blueback Herring	0165
Alosa mediocris (Mitchill 1814) - Hickory Shad	0264
Alosa pseudoharengus (Wilson 1811) - Gaspereau, Alewife	0062
Alosa sapidissima (Wilson 1811) - American Shad	0061
Alosa sp.	0281
Brevoortia tyrannus (Latrobe 1802) - Atlantic Menhaden	0164
Clupea harengus Linnaeus 1758 - Atlantic Herring	0060
Dorosoma cepedianum (LeSeuer 1818) - Gizzard Shad	0262
Etrumeus sadina (Bertin)	0834
Etrumeus teres DeKay 1842 - Round Herring	0166
Jenkinsia lamprotaenia (Gosse)	0843
Opisthonema oglinum (LeSueur 1817) - Atlantic Thread Herring	0260
F. Engraulidae -Anchovies	0034
Anchoa hepsetus (Linnaeus 1758) - Striped Anchovy	0058
Anchoa lamprotaenia (Hildebrand)	0836
Anchoa mitchilli (Cuvier and Valenciennes 1848) - Bay Anchovy	0254
Engraulis eurystole (Swain and Meek 1884) - Silver Anchovy	0009
O. SALMONIFORMES	0294
s.o. ARGENTINOIDEI	0153
F. Argentinidae - Argentines	0288
Argentina silus Ascanius 1763 - Atlantic Argentine	0160
Argentina striata Goode and Bean 1896 - Striated Argentine	0161
Glossanodon sp.	0378
Microstoma microstoma (Risso 1810)	0421
Nansenia groenlandica (Reinhardt 1839) - Large-eyed Argentine	0162
Nansenia oblita (Facciola 1887)	0561
F. Bathylagidae - Deepsea Smelts	0276
Bathylagus berycoides (Borodin 1929)	0526
Bathylagus compsus Cohen 1958	0291
Bathylagus euryops Goode and Bean 1895 - Goitre Black Smelt	0176
Bathylagus greyae xxxx	0347
Bathylagus sp.	0295
F. Alepocephalidae - Smoothheads	0968
Alepocephalus bairdii (Goode and Bean 1879) - Baird's Smoothhead	0724
Conocara salmonea (Gill and Townsend 1897) - Slickhead	0749
Einara Edentula	0896
Photostylus pycnopterus	0895
Rouleina maderensis	0963
Xenodermichthys copei Vaillant 1888 - Atlantic Gymnast	0725
F. Opisthoprotidae	
Dolichopteryx binocularis (Beebe 1932)	0539
Opisthoproctus soleatus (Vaillant 1888)	0564
F. Searsiidae - Tube Shouders	
Holtbyrnia anomala	0914

Mentodus rostratus (Gunther 1878)	0726
Normichthys operosus	0915
Searsiid sp.	0961
Searsia koefoedi	0889
s.o. SALMONOIDAE - Salmon, Trouts, etc.	
F. Salmonidae - Trouts	
Coregonus canadensis Scott 1967 - Atlantic Whitefish	0067
Coregonus clupeaformis (Mitchill 1818) - Lake Whitefish	0066
Oncorhynchus gorbuscha (Walbaum 1792) - Pink Salmon	0068
Salmo gairdneri Richardson 1836 - Rainbow Trout	0069
Salmo salar Linnaeus 1758 - Atlantic Salmon	0065
Salmo sp.- Trout non-specified	0273
Salmo trutta Linnaeus 1758 - Brown Trout	0075
Salvelinus alpinus (Linnaeus 1758) - Arctic Char	0076
Salvelinus fontinalis (Mitchill 1815) - Brook Trout	0077
F. Osmeridae - Smelts	0337
Mallotus villosus (Muller 1777) - Capelin	0064
Osmerus mordax (Mitchill 1815) - Rainbow Smelt	0063
O. STOMIATIFORMES	0680
s.o. STOMIATOIDEI	
F. Gonostomatidae - Anglemouths	0745
Bonapartia pediolota (Goode and Bean 1896)	0022
Cyclothone acclinidens Garman 1899	0696
Cyclothone alba Brauer 1906 - Albino Anglemouth	0753
Cyclothone braueri Jesperson and Taning 1926 - Brauer's Anglemouth	0754
Cyclothone microdon (Gunther 1878) - Veiled Anglemouth	0154
Cyclothone pseudopallida	0322
Cyclothone sp.- Anglemouth Unidentified	0755
Gonostoma atlanticum	0929
Gonostoma bathyphilum	0883
Gonostoma denudatum	0954
Gonostoma elongatum Gunther 1878 - Longtooth Anglemouth	0155
Gonostoma sp.	0548
Ichthyococcus ovatus (Cocco 1838)	0389
Margrethia obtusirostra (Jespersen and Taning 1919)	0390
Maurolicus muelleri (Gmelin 1788) - Muller's Pearlsides	0158
Pollichthys mauli Grey 1959 - Maul's Anglemouth	0752
Valenciennellus tripunctulatus (Esmarck 1871)	0679
Vinciguerria attenuata (Cocco 1878)	0671
Vinciguerria nimbaria (Jordan and Williams 1895)	0684
Vinciguerria poweriae (Cocco 1838)	0667
Vinciguerria sp.	0348
F. Sternoptychidae - Hatchetfishes	0741
Argyropelecus aculeatus Cuvier and Valenciennes 1849 - Atlantic Silver Hatchetfish	0700
Argyropelecus affinis (Garman 1899)	0422
Argyropelecus gigas Norman 1903	0705
Argyropelecus hemigymnus Cocco 1829	0706
Argyropelecus lychnus lychnus Garman 1899	0707
Argyropelecus sladeni	0912
Argyropelecus sp.	0928
Polyipnus asteroides (Schultz 1938)	0708
Polyipnus sp.	0376
Sternoptyx diaphana Hermann 1781 - Transparent Hatchetfish	0709
Sternoptyx pseudobscura	0894
F. Photichthyidae	
Polymetme corythaeola	0942
F. Astronesthidae - Bighead Dragonfishes	0966
Astronesthes cyaneus (Brauer 1902)	0521

Astronesthes gemmifer	0875
Astronesthes leucopogon (Regan and Trewavas 1929)	0522
Astronesthes micropogon	0908
Astronesthes niger (Richardson 1844)	0523
Astronesthes similis (Parr 1927)	0524
Astronesthes sp.	0948
Borostomias antarcticus (Lonnberg 1905) - Straightline Dragonfish	0716
Borostomias sp.	0949
Heterophotus sp.	0417
Neonesthes capersis	0884
Rhadinesthes decimus	0885

F. Melanostomiatidae - Scaleless Dragonfishes	0665

Bathophilus chironema	0916
Bathophilus longipinnis	0918
Bathophilus metallicus (Welsh 1923)	0722
Bathophilus proximus (Regan and Trewavas 1930)	0525
Chirostomias pliopterus (Regan and Trewavas 1930)	0392
Echiostoma barbatum (Lowe 1843)	0541
Eustomias bibulbosus (Parr 1927)	0542
Eustomias bigelowi (Welsh 1923)	0393
Eustomias braueri	0847
Eustomias dubius (Parr 1927)	0543
Eustomias filifer (Gilchrist 1908)	0544
Eustomias fissibarbis (Pappenheim 1914)	0670
Eustomias lipochirus (Regan and Trewavas 1930)	0394
Eustomias longibarba	0848
Eustomias obscurus (Vaillant 1888)	0545
Eustomias polyaster	0964
Eustomias schmidti (Regan and Trewavas 1930)	0546
Eustomias silvescens	0849
Eustomias simplex	0857
Eustomias sp.	0970
Eustomias tetranema (Zugmayer 1913)	0547
Flagellostomias boureei (Zugmayer 1913)	0391
Grammatostomias dentatus Goode and Bean 1895 - Torpedo Dragonfish	0717
Grammatostomias flagellibarba	0941
Leptostomias gladiator	0874
Leptostomias longibarba	0923
Leptostomias sp.	0817
Melanostomias bartonbeani	0925
Melanostomias melanopogon (Regan and Trewavas 1930)	0872
Melanostomias melanops	0956
Melanostomias sp.	0859
Melanostomias spilorhynchus Regan and Trewavas 1930 - Bluenose Dragonfish	0718
Melanostomias valdiviae	0943
Odontostomias sp.	0719
Pachystomias microdon	0858
Photonectes braueri	0957
Photonectes sp.	0566
Trigonolampa miriceps Regan and Trewavas 1930 - Threelight Dragonfish	0721

F. Malacosteidae - Loosejaws	0819

Aristostomias lunifer (Regan and Trewavas 1930)	0518
Aristostomias photodactylus (Beebe 1933)	0583
Aristostomias polydactylus (Regan and Trewavas 1930)	0519
Aristostomias sp.	0338
Aristostomias tittmanni xxxx	0818
Malacosteus niger Ayres 1848 - Loosejaw	0177
Photonectes margarita (Goode and Bean 1896)	0419
Photostomias guernei (Collett 1889)	0396
Photostomias sp.	0934
Ultimostomias mirabilis	0959

F. Chauliodontidae - Viperfishes

Chauliodus danae Regan and Trewavas 1929	0334
Chauliodus sloani Bloch and Schneider 1801 - Viperfish	0169
Chauliodus sp.	0335

F. Stomiatidae - Scaled Dragonfishes	0151

Macrostomias longibarbatus (Brauer 1902)	0395
Stomias affinis	0825
Stomias boa ferox Reinhardt 1842 - Boa Dragonfish	0159
Stomias brevibarbatus (Ege 1918)	0574
Stomias sp.- Dragonfish Unidentified	0756
F. Idiacanthidae - Sawtailfishes	
Idiacanthus fasciola Peters 1876 - Ribbon Sawtailfish	0723
O. AULOPIFORMES	
F. Synodontidae - Lizardfishes	0339
Bathysaurus ferox Gunther 1878	0814
Saurida brasiliensis (Norman)	0833
Saurida carribbea (Breder)	0832
Saurida normani Longley 1935 - Shortjaw Lizardfish	0807
Synodus sp.	0812
Synodus synodus (Linnaeus 1758) - Red Lizardfish	0808
Trachinocephalus myops (Forster 1801) - Snakefish	0801
F. Chlorophthalmidae - Greeneyes	
Chlorophthalmus agassizi Bonaparte 1840 - Shortnose Greeneye	0156
Parasudis truculenta (Goode and Bean 1895) - Longnose Greeneye	0149
F. Bathypteroidae - Tripod/Feeler Fishes	
Bathypterois dubius Vaillant 1888 - Notch Feeler Fish	0148
Bathypterois quadrifilis (Gunther 1878)	0863
F. Notosudidae	
Ahliesaurus berryi (Bertelsen, Krefft & Marshall,1976)	0517
Scopelosaurus argenteus (Maul 1954)	0489
Scopelosaurus lepidus (Krefft & Maul 1955)	0588
Scopelosaurus mauli Bertelsen, Krefft and Marshall 1976	0850
Scopelosaurus smithii (Bean 1925)	0492
Scopelosaurus sp.	0572
F. Paralepididae (Sudidae) - Barracudinas	0713
Lestidiops affinis (Ege 1930)	0553
Lestidiops jayakari (Boulenger 1889)	0688
Lestidiops sp.	0487
Lestidium atlanticum xxxx	0666
Lestrolepis intermedia (Poey 1867)	0483
Macroparalepis affine (Ege 1933)	0479
Macroparalepis nigra	0937
Notolepis rissoi (Bonaparte 1841) - White Barracudina	0727
Notolepis rissoi kroyeri (Lutken 1892) - White Barracudina	0712
Paralepis atlantica Kroyer 1868 - Short Barracudina	0711
Paralepis atlantica atlantica Kroyer 1891 - Short Barracudina	0728
Paralepis brevirostris	0907
Paralepis coregonoides Risso 1820	0674
Paralepis elongata (Brauer 1906)	0484
Paralepis sp.	0565
Stemonosudis intermedia	0876
Sudis hyalina Rafinesque 1810	0691
Uncisudis longirostris	0906
F. Omosudidae	
Omosudis lowei Gunther 1887	0729
F. Alepisauridae - Lancetfishes	
Alepisaurus brevirostris Gibbs 1960 - Shortnose Lancetfish	0731
Alepisaurus ferox Lowe 1833 - Longnose Lancetfish	0710
F. Anotopteridae - Daggertooths	
Anotopterus pharao Zugmayer 1911 - Daggertooth	0732

F. Evermannellidae	
Coccorella atlantica (Roule 1929)	0533
Evermannella balboa (Risso 1820)	0383
Evermannella indica (Brauer 1906)	0488
Evermannella sp.	0733
F. Scopelarchidae - Pearleyes	
Benthalbella infans (Zugmayer 1911)	0527
Scopelarchus analis (Brauer 1902)	0681
Scopelarchus michaelsarsi(Koefoed 1955)	0570
O. MYCTOPHIFORMES	0811
F. Myctophidae - Lanternfishes	0150
Benthosema glaciale (Reinhardt 1837) - Glacier Lanternfish	0157
Benthosema sp.	0286
Benthosema suborbitale (Gilbert 1913)	0473
Bolinichthys indicus (Nafpaktitis and Nafpaktitus 1969)	0529
Bolinichthys photothorax (Parr 1928)	0292
Bolinichthys sp.	0860
Bolinichthys supralateralis (Parr 1928)	0462
Centrobranchus nigro-ocellatus (Gunther 1873)	0124
Ceratoscopelus sp.	0293
Ceratoscopelus maderensis (Lowe 1839) - Horned Lanternfish	0163
Ceratoscopelus warmingii (Lutken 1892)	0468
Diaphus bertelseni (Nafpaktitis 1966)	0453
Diaphus brachycephalus (Taning 1928)	0428
Diaphus dumerilii (Bleeker 1856) - Lanternfish	0152
Diaphus effulgens (Goode and Bean 1896)	0125
Diaphus fragilis (Taaning 1928)	0535
Diaphus garmani (Gilbert 1906)	0424
Diaphus holti (Taaning 1918)	0536
Diaphus lucidus (Goode and Bean 1896)	0423
Diaphus luetkeni (Brauer 1904)	0127
Diaphus metopoclampus (Cocco 1829) - Headlightfish	0168
Diaphus mollis Taning 1928	0128
Diaphus perspicillatus (Brauer 1904)	0126
Diaphus rafinesquii (Cocco 1838)	0129
Diaphus roei (Nafpaktitus 1974)	0537
Diaphus sp.	0229
Diaphus splendidus (Brauer 1904)	0439
Diaphus taaningi	0540
Diaphus termophilus Taning 1928	0130
Diogenichthys atlanticus (Taning 1928)	0466
Diplophos maderensis	0935
Diplophos taenia (Gunther 1873)	0538
Electrona rissoi (Cocco 1829)	0131
Gonichthys coccoi (Cocco 1829) - Cocco's Lanternfish	0132
Protomyctophum arcticum - OBSOLETE (See 0226)	0133
Hygophum benoiti (Cocco 1838) - Benoit's Lanternfish	0134
Hygophum hygomi (Lutken 1892)	0135
Hygophum macrochir (Gunther 1864)	0136
Hygophum reinhardtii (Lutken 1892)	0342
Hygophum sp.	0861
Hygophum taaningi (Becker 1965)	0467
Lampadena anomala	0939
Lampadena atlantica (Maul 1969)	0461
Lampadena chavesi (Collett 1905)	0549
Lampadena luminosa Taning 1928	0137
Lampadena sp.	0343
Lampadena speculigera Goode and Bean 1896 - Mirror Lanternfish	0138
Lampanyctus alatus Goode and Bean 1896	0139
Lampanyctus ater Taning 1928	0284
Lampanyctus crocodilus (Risso 1810) - Jewel Lanternfish	0144
Lampanyctus cuprarius	0882
Lampanyctus festivus Taning 1928	0145
Lampanyctus intricarius (Taning 1928)	0460
Lampanyctus lineatus (Taaning 1928)	0550
Lampanyctus macdonaldi (Goode and Bean 1896)	0146
Lampanyctus nobilis (Taaning 1928)	0551

Lampanyctus photonotus (Parr 1928)	0465
Lampanyctus pusillus (Johnson 1890)	0147
Lampanyctus sp.	0252
Lepidophanes gaussi (Brauer 1906)	0469
Lepidophanes guentheri (Goode and Bean 1896)	0228
Lepidophanes sp.	0552
Lobianchia dofleini (Zugmayer 1911) - Doflein's Lanternfish	0758
Lobianchia gemellerii (Cocco 1838)	0178
Loweina rara (Lutken 1892)	0454
Myctophum affine (Lutken 1892) - Metallic Lanternfish	0179
Myctophum asperum Richardson 1845	0327
Myctophum nitidulum (Garman 1899)	0474
Myctophum obtusirostre	0881
Myctophum punctatum Rafinesque 1810 - Spotted Lanternfish	0180
Myctophum selenops (Taaning 1928)	0559
Myctophum sp.	0370
Notoscopelus bolini Nafpaktitis 1975	0287
Notoscopelus caudispinosus (Johnson 1863)	0478
Notoscopelus elongatus kroyeri (Malm 1863) - Kroyer's Lanternfish	0182
Notoscopelus resplendens (Richardson 1845) - Patchwork Lanternfish	0183
Notoscopelus sp.	0227
Notolychnus valdiviae (Brauer 1904)	0181
Protomyctophum arcticum (Lutken 1892)	0226
Symbolophorus sp.	0279
Symbolophorus veranyi (Moreau 1888) - Largescale Lanternfish	0184
Taaningichthys bathyphilus (Taning 1928)	0185
Taaningichthys minimus (Taning 1928)	0186
O. CYPRINIFORMES - (Carps and Minnows)	
F. Cyprinidae	
Carassius auratus (Linnaeus)	0851
Chrosomus eos (Cope)	0852
Chrosomus neogaeus (Cope)	0853
Couesius plumbeus (Agassiz)	0854
Notemigomus crysoleucas (Mitchell)	0856
O. BATRACHOIDIFORMES - Toadfishes (NS)	
F. Batrachoididae - Toadfishes	
Opsanus tau (Linnaeus 1766) - Toadfish	0510
O. LOPHIIFORMES	0298
s.o. CERATIOIDEI	0687
F. Melanocetidae	
Melanocetus johnsoni Gunther 1864	0760
Melanocetus murrayi	0955
Melanocetus sp.	0373
F. Oneirodidae	0683
Chaenophryne draco	0936
Chaenophryne longiceps Parr 1927	0761
Danaphryne nigrifilis	0962
Dolopichthys allector Garman 1899	0762
Lasiognathus beebei Regan and Trewavas 1932	0763
Leptacanthichthys gracilispinis (Regan 1925)	0764
Lophodolus acanthognathus Regan 1925	0765
Microlophichthys microlophus (Regan 1925)	0766
Oneirodes eschrichtii Lutken 1871	0767
Oneirodes sp.	0768
F. Ceratiidae - Seadevils	
Ceratias holboelli Kroyer 1844 - Deepsea Angler	0401
Cryptopsaras couesi Gill 1883 - Lesser Deepsea Angler/Warted Seadevil	0402
F. Himantolophidae - Footballfishes	

Himantolophus groenlandicus Reinhardt 1837 - Atlantic Footballfish	0403
Himantolophus sp.	0404
F. Caulophrynidae	0415
Caulophryne jordani Goode and Bean 1896	0405
F. Gigantactinidae	
Gigantactis sp.	0418
Gigantactis vanhoeffeni (Brauer 1902)	0867
F. Linophrynidae	0902
Edriolychnus schmidti	0904
Linophryne algibarbata Waterman 1939	0406
Linophryne brevibarbis	0903
Linophryne coronata Parr 1927	0407
Linophryne lucifera Collett 1886	0408
Linophryne macrodon	0905
Linophryne sp.	0554
s.o. ANTENNAROIDEI	
F. Antennariidae - Frogfishes	0398
Antennarius ocellatus Poey 1868 - Ocellated Frogfish	0397
Antennarius sp.	0375
Histrio histrio (Linnaeus 1758) - Sargassumfish	0399
F. Chaunacidae	
Chaunax sp.	0530
F. Ogcocephalidae - Batfishes	0694
Dibranchus atlanticus Peters 1875 - Atlantic Batfish	0742
Halieutichthys aculeatus (Mitchell)	0844
s.o. LOPHIOIDEI - Goosefishes (NS)	
F. Lophiidae - Goosefishes	
Lophius americanus Valenciennes 1873 - Monkfish, Goosefish, Angler	0400
O. GADIFORMES - Cod, Hake, etc.	
s.o. GADOIDEI - Gadoids	0101
F. Bregmacerotidae - Codlets	
Bregmaceros atlanticus (Goode and Bean 1886)	0365
Bregmaceros macclellandi (Thompson 1840)	0831
Bregmaceros sp.	0690
F. Melanonidae	
Melanonus zugmayeri (Norman 1930)	0357
F. Moridae - Moras	0194
Antimora rostrata Gunther 1878 - Blue Antimora/Hake	0113
Brosmiculus imberbis	0354
Halargyreus johnsonii Gunther 1862 - Dainty Moras	0109
Laemonema barbatula Goode and Bean 1883	0319
Lepidion eques (Gunther 1887)	0108
Physiculus fulvus Bean 1884 - Little Morid	0757
Svetovidovia sp.	0297
F. Gadidae - Codfishes	0251
S.F. Gadinae	
Boreogadus saida (Lepechin 1774) - Arctic Cod	0110

Gadus morhua Linnaeus 1758 - Atlantic Cod	0010
Gadus ogac Richardson 1836 - Greenland Cod	0118
Melanogrammus aeglefinus (Linnaeus 1758) - Haddock	0011
Microgadus tomcod (Walbaum 1792) - Atlantic Tomcod	0017
Micromesistius poutassou (Risso 1826) - Blue Whiting	0117
Pollachius virens (Linnaeus 1758) - Pollock	0016
S.F. Lotinae	
Brosme brosme (Muller 1776) - Cusk	0015
Molva dypterygia (Walbaum 1792) - Blue Ling	0056
Molva molva (Linnaeus 1758) - European Ling	0055
S.F. Phycinae	0057
Enchelyopus and *Urophycis* sp.- Rockling and Hake	0195
Enchelyopus cimbrius (Linnaeus 1766) - Fourbeard Rockling	0114
Gaidropsarus argentatus (Reinhardt 1838) - Silver Rockling	0116
Gaidropsarus ensis (Reinhardt 1838) - Threebeard Rockling	0115
Gaidropsarus sp. - Rockling Unidentified	0119
Phycis chesteri Goode and Bean 1878 - Longfin Hake	0112
Urophycis chuss (Walbaum 1792) - Red Hake	0013
Urophycis regius (Walbaum 1792) - Spotted Hake	0111
Urophycis sp.- Hake	0193
Urophycis tenuis (Mitchill 1815) - White Hake	0012
F. Merlucciidae - Silver Hake	
Merluccius albidus (Mitchill 1818) - Offshore Hake	0019
Merluccius bilinearis (Mitchill 1814) - Silver Hake	0014
Merluccius sp.- Hake	0035
Hake Unidentified	0018
s.o. OPHIDIOIDEI - Cusk Eels	0660
F. Carapidae - Pearlfishes	
Carapid sp.	0953
Echiodon dawsoni Williams and Shipp 1982 - Chain Pearlfish	0037
F. Bythitidae - Viviparous Brotulas	0655
Brotula barbata	0940
Dicrolene intronigra (Goode & Bean 1883)	0862
Monomitopus agassizi (Goode and Bean 1896)	0870
F. Ophidiidae (incl. Brotulidae) - Cusk Eels	0649
Lepophidium cervinum (Goode and Bean 1885) - Fawn Cusk Eel	0650
Ophidion selenops Robins and Bohlke 1959 - Mooneye Cusk Eel	0654
Otophidium omostigmum (Jordan & Gilbert)	0950
S.F. Brotulinae (Brotulids)	0952
s.o. MACROUROIDEI	
F. Macrouridae - Grenadiers	0416
Coelorhynchus carminatus (Goode 1880) - Longnose Grenadier	0413
Coryphaenoides rupestris Gunnerus 1765 - Rock or Roundnose Grenadier	0414
Macrourus berglax Lacepede 1802 - Roughhead Grenadier	0411
Malacocephalus occidentalis Goode and Bean 1885 - American Straptail Grenadier	0409
Nezumia bairdi (Goode and Bean 1877) - Marlin Spike Grenadier	0410
Trachyrhynchus murrayi Gunther 1887 - Roughnose Grenadier	0412
s.o. ZOARCOIDEI	
F. Zoarcidae - Eelpouts	0598
Gymnelis viridis (Fabricus 1780) - Fish Doctor	0616
Lycenchelys paxillus (Goode and Bean 1879) - Common Wolf Eel	0617
Lycenchelys sarsi (Collett 1871) - Sar's Wolf Eel	0618
Lycenchelys verrilli (Goode and Bean 1877) - Wolf Eelpout	0603

Lycodes atlanticus	0864
Lycodes esmarki Collett 1875 - Vachon's Eelpout	0643
Lycodes eudipleurostictus Jensen 1901	0845
Lycodes lavalaei Vladykov and Tremblay 1936 - Laval`s Eelpout	0620
Lycodes pallidus Collett 1879 - Pale Eelpout	0627
Lycodes polaris Bean 1878 - Polar Eelpout	0628
Lycodes reticulatus Reinhardt 1838 - Arctic Eelpout	0641
Lycodes sp.- Eelpout	0642
Lycodes terraenova Jensen 1902 - Newfoundland Eelpout	0619
Lycodes vahlii Reinhardt 1838 - Shorttailed or Vahl's Eelpout	0647
Macrozoarces americanus (Bloch and Schneider 1801) - Common Ocean Pout	0640
Melanostigma atlanticum Koefoed 1952 - Atlantic Softpout	0646
O. ATHERINIFORMES	
F. Exocoetidae - Flyingfishes and Halfbeaks	0748
Cypselurus furcatus (Mitchill 1815) - Spotfin Flyingfish	0734
Cypselurus heterurus (Rafinesque 1810) - Atlantic Flyingfish	0735
Hemiramphus brasiliensis (Linnaeus 1758) - Ballyhoo	0678
Hirundichthys affinis (Gunther 1878) - Fourwing Flyingfish	0682
Hirundichthys rondeletti (Valenciennes 1846) - Blackwing Flyingfish	0736
Hyporhamphus sp.- Common Halfbeak	0737
F. Belonidae - Needlefishes	
Strongylura marina (Walbaum 1792) - Atlantic Needlefish	0259
F. Scomberesocidae - Sauries	
Scomberesox saurus (Walbaum 1792) - Atlantic Saury	0720
F. Cyprinodontidae - Killifishes	
Fundulus diaphanus (LeSueur 1817) - Banded Killifish	0738
Fundulus heteroclitus (Linnaeus 1766) - Mummichog	0769
F. Atherinidae - Silversides	0669
Menidia menidia (Linnaeus 1766) - Atlantic Silverside	0770
O. LAMPRIFORMES	0891
s.o. TRACHIPTEROIDEI	0893
F. Trachipteridae	0892
Trachipterus trachipterus	0911
Zu cristatus	0886
O. BERYCIFORMES - Berycoid Fishes	0802
F. Melamphaeidae	0558
Melamphaes leprus	0917
Melamphaes microps (Gunther 1878)	0798
Melamphaes pumilus (Ebeling 1962)	0368
Melamphaes sp.	0686
Melamphaes suborbitalis (Gill 1884)	0557
Melamphaes typhlops (Lowe 1843)	0493
Poromitra capito Goode and Bean 1882	0799
Poromitra crassiceps (Gunther 1878)	0800
Poromitra megalops (Lutken 1877)	0797
Poromitra sp.	0569
Scopelogadus mizolepis (Gunther 1878)	0871
Scopeloberyx nigrescens	0919
Scopeloberyx opisthopterus (Parr 1933)	0796
Scopeloberyx robustus (Gunther 1887)	0494
Scopelogadus beanii (Gunther 1887) - Bean's Bluejack	0795
Scopelogadus sp.	0571
F. Polymixiidae - Beardfishes	
Polymixia lowei Gunther 1859 - Beardfish	0771

Polymixia nobilis Lowe 1838 - Stout Beardfish	0744
F. Eutaeniophoridae	
Eutaeniophorus sp.	0815
F. Diretmidae - Spinyfishes	
Diretmus argenteus Johnson 1863 - Spinyfin	0772
F. Trachichthyidae - Soldierfishes	
Gephyroberyx darwini (Johnson 1866)	0773
F. Anoplogasteridae - Ogrefishes	
Anoplogaster cornuta (Cuvier and Valenciennes 1833) - Ogrefish	0774
F. Berycidae - Alfonsionos	
Beryx decadactylus Cuvier and Valenciennes 1829 - Alfonsin a Casta Larga	0775
Beryx splendens Lowe 1833 - Alfonsin a Casta	0776
F. Holocentridae - Squirrelfishes	
Sargocentron bullisi	0823
F. Rondeletiidae	
Rondeletia loricata (Abe and Hotta 1963)	0356
O. ZEIFORMES - Dories, etc.	
F. Caproidae	
Antigonia capros (Lowe) Deepbody boarfish	0384
Antigonia combatia (Berry and Rathjen 1959)	0366
F. Grammicolepididae - Diamond Dories	
Xenolepidichthys americanus Nichols and Firth 1939 - Grammicolepid	0777
Xenolepidichthys dalgleishi (Gilchrist)	0866
F. Macrurocyttidae	
Zenion hololepis (Goode and Bean 1896)	0577
F. Zeidae - Dories	
Zenopsis ocellata (Storer 1858)- American John Dory	0704
O. LAMPRIDIFORMES	
F. Lamprididae - Opahs	
Lampris guttatus (Bonaterre 1788) - Opah	0778
F. Lophotidae	
Lophotus lacepedei (Giorna 1809)	0555
F. Regalecidae	
Regalecus glesne (Ascanius 1772)	0355
F. Stylephoridae	
Stylephorus chordatus (Shaw 1791)	0575
O. GASTEROSTEIFORMES - Sticklebacks (NS)	
F. Gasterosteidae - Sticklebacks	0360
Apeltes quadracus (Mitchill 1815) - Fourspine Stickleback	0363

Gasterosteus aculeatus Linnaeus 1758 - Threespine Stickleback	0361
Gasterosteus wheatlandi Putman 1867 - Blackspotted Stickleback	0364
Pungitius pungitius (Linnaeus 1758) - Ninespine Stickleback	0362
F. Fistulariidae - Cornetfishes/Trumpetfishes	
Fistularia tabacaria Linnaeus 1758 - Bluespotted Cornetfish	0780
F. Macrorhamphosidae	
Macrorhamphosus scolopax (Linneaus 1758)	0556
F. Syngnathidae - Seahorses and Pipefishes	
Amphelikturus dendriticus (Barbour xxxx) - Pipehorse	0810
Hippocampus erectus Perry 1810 - Lined Seahorse	0779
Syngnathus dunckeri Metzelaar 1919 - Pugnose Pipefish	0675
Syngnathus fuscus Storer 1839 - Northern Pipefish	0702
Syngnathus pelagicus Linnaeus 1766 - Pelagic Pipefish	0703
Syngnathus sp.- Pipefish Unidentified	0759
Syngnathus springeri Herald 1942 - Bull Pipefish	0676
O. SCORPAENIFORMES - Mail-cheeked Fishes	0299
F. Scorpaenidae - Scorpionfishes	0280
Ectreposebastes imus	0901
Helicolenus dactylopterus (DelaRoche 1809) - Blackbelly Rosefish	0123
Pontinus rathbuni Goode and Bean 1896 - Highfin Scorpionfish	0751
Pontinus sp.	0672
Scorpaena calcarata Goode and Bean 1882 - Smoothhead Scorpionfish	0026
Scorpaena sp. - Rockfishes (NS)	0278
Sebastes fasciatus Storer 1856 - Labrador Redfish	0283
Sebastes marinus (Linnaeus 1758) - Redfish/Ocean Pout	0020
Sebastes mentella Travin 1951 - Deepwater Redfish	0021
Sebastes sp. - Unseparated Redfish	0023
Trachyscorpia cristulata (Goode and Bean 1896) - Atlantic thornyhead	0358
F. Triglidae (incl. Peristediidae) - Searobins	0329
Peristedion miniatum Goode 1880 - Armored Searobin	0331
Peristedion sp.	0580
Prionotus carolinus (Linnaeus 1771) - Northern Searobin	0330
Prionotus evolans (Linnaeus 1766) - Striped Searobin	0332
F. Cottidae - Sculpins	0312
Artediellus atlanticus (Jordan & Evermann (1898)	0880
Artediellus sp. - Hookear Sculpin	0323
Artediellus uncinatus (Reinhardt 1833) - Arctic Hookear Sculpin	0306
Cottidae - Others	0311
Cottunculus microps Collett 1875 - Polar Sculpin	0307
Cottunculus thompsoni (Gunther 1882) - Pallid Sculpin	0308
Gymnocanthus tricuspis (Reinhardt 1832) - Arctic Staghorn Sculpin	0302
Hemitripterus americanus (Gmelin 1789) - Sea Raven	0320
Icelus bicornis (Reinhardt 1841) - Twohorn Sculpin	0313
Icelus sp.- Sculpin	0318
Icelus spatula Gilbert and Burke 1912 - Spatulate Sculpin	0314
Myoxocephalus aenaus (Mitchill 1815) - Little Grubby	0303
Myoxocephalus octodecemspinosus (Mitchill 1815) - Longhorn Sculpin	0300
Myoxocephalus quadricornis (Linnaeus 1758) - Fourhorn Sculpin	0315
Myoxocephalus scorpioides (Fabricus 1780) - Arctic Sculpin	0316
Myoxocephalus scorpius (Linnaeus 1758) - Shorthorn Sculpin	0301
Myoxocephalus sp.- Unidentified Sea Sculpin	0310
Triglops murrayi Gunther 1888 - Mailed Sculpin	0304
Triglops nybelini Jensen 1944 - Nybelin's Sculpin	0305
Triglops pingeli Reinhardt 1832 - Ribbed Sculpin	0317
Triglops sp. - Unidentified Sculpin	0309
F. Agonidae - Poachers and Alligatorfishes	0351
Agonus decagonus Bloch and Schneider 1801 - Atlantic Sea Poacher	0350
Aspidophoroides monopterygius (Bloch 1786) - Alligatorfish	0340
Aspidophoroides olriki Lutken 1876 - Arctic Alligatorfish	0341

F. Cyclopteridae (incl. Liparidae) - Lumpfishes and Seasnails	0514
Careproctus longipinnis Burke 1912 - Longfin Seasnail	0507
Careproctus ranulus - Sea Tadpole	0924
Careproctus reinhardi (Kroyer 1862) - Sea Tadpole	0520
Careproctus sp. - Seasnail	0515
Cyclopterus lumpus Linnaeus 1758 - Lumpfish	0501
Eumicrotremus derjugini Popov 1926 - Leatherfin Lumpsucker	0509
Eumicrotremus spinosus (Muller 1777) - Atlantic Spiny Lumpsucker	0502
Liparis atlanticus (Jordan and Evermann 1898) - Atlantic Seasnail	0503
Liparis coheni Able 1976 - Gulf Seasnail	0513
Liparis fabricii Parr 1932 - Gelatinous Seasnail	0505
Liparis gibbus Gilbert 1895 - Dusky Seasnail	0512
Liparis inquilinus Able 1973 - Inquiline Seasnail	0508
Liparis liparis (Linnaeus 1766) - Striped Seasnail	0504
Liparis sp. - Unidentified Seasnail	0500
Liparis tunicatus Reinhardt 1836 - Greenland Seasnail	0506
Paraliparis calidus (Cohen 1968)	0868
Paraliparis copei Goode and Bean 1896 - Blacksnout Seasnail	0511
Paraliparis garmani (Burke 1912)	0869
O. DACTYLOPTERIFORMES - Flying Gurnards	
F. Dactylopteridae - Flying Gurnards	
Dactylopterus volitans (Linnaeus 1758) - Flying Gurnard	0806
O. PERCIFORMES - Perchlike Fishes	0636
s.o. PERCOIDEA	0652
F. Percichthyidae - Temperate Basses	
Morone americana (Gmelin 1788) - White Perch	0120
Morone saxatilis (Walbaum 1792) - Striped Bass	0024
F. Serranidae (incl. Anthiidae) - Sea Basses	0715
Anthias nicholsi (Firth 1933)	0498
Anthias sp.	0668
Centropristis striata (Linnaeus 1758) - Black or Southern Sea Bass	0121
Diplectrum formosum (Linnaeus 1766) - Sand Perch	0695
Diplectrum sp.	0663
Epinephelus morio (Valenciennes 1828) - Red Grouper	0879
Epinephelus niveatus (Cuvier and Valenciennes 1828) - Snowny Grouper	0698
Epinephelus sp.	0899
Hemanthias sp.	0374
Hemanthias vivanus (Jordan and Swain xxxx) - Red Barbier	0661
Holanthias martinicensis (Guichenot xxxx) - Roughtongue Bass	0828
Mycteroperca sp.	0664
Polyprion americanus (Bloch and Schneider 1801) - Atlantic Wreckfish	0699
Serranus sp.	0516
Symphysanodon sp.	0381
F. Grammistidae	
Rypticus sp.	0873
F. Priacanthidae - Bigeyes	0352
Cookeolus boops (Bloch and Schneider 1801) - Bulleye	0078
Priacanthus arenatus Cuvier 1829 - Bigeye	0353
Priacanthus cruentatus (Lacepede 1800) - Glasseye snapper	0079
F. Apogonidae (incl. Cheilodipteridae and Epigonidae) - Cardinalfishes	0697
Apogon maculatus (Poey 1860) - Flamefish	0781
Apogon pseudomaculatus Longley xxxx - Two Spot Cardinalfish	0685
Apogon sellicauda Evermann and Marsh 1902	0782
Epigonus denticulatus Dieuzeide 1950	0677
Epigonus occidentalis (Goode and Bean 1896)	0582
Epigonus pandionis	0587
Epigonus sp.	0878

Epigonus telescopus	0888
Howella brodiei Ogilby 1899 - Cardinalfish	0750
Howella sherborni (Norman 1930) - Sherborn's Cardinalfish	0783
Synagrops bella (Goode and Bean 1896)	0576
Synagrops sp.	0897
Synagrops spinosa Schultz 1940	0673
F. Branchiostegidae (incl. Malacanthidae) - Tilefishes	
Caulolatilus sp.	0289
Lopholatilus chamaeleonticeps Goode and Bean 1879 - Tilefish	0025
F. Pomatomidae - Bluefishes	
Pomatomus saltatrix (Linnaeus 1758) - Bluefish	0081
F. Rachycentridae - Cobias	
Rachycentron canadum (Linnaeus 1766) - Cobia	0803
F. Echeneidae - Remoras/Sharksuckers	
Echeneis naucrates Linnaeus 1758 - Shark Pilot	0082
Remora brachyptera (Lowe 1839) - Spearfish Remora	0083
Remora remora (Linnaeus 1758) - Remora	0084
F. Carangidae - Jacks	0174
Caranx crysos (Mitchill 1815) - Blue Runner	0085
Caranx hippos (Linnaeus 1766) - Crevalle Jack	0086
Caranx sp.	0960
Decapterus macarellus (Cuvier 1833) - Mackeral Scad	0087
Decapterus punctatus Agissiz 1829 - Round Scad	0080
Decapterus sp.	0377
Naucrates ductor (Linnaeus 1758) - Pilotfish	0088
Naucrates sp.	0285
Selar crumenophthalmus (Bloch 1793) - Bigeye Scad	0089
Selene vomer (Linnaeus 1758) - Atlantic Lookdown	0091
Seriola dumerili (Risso 1810) - Greater Amberjack	0092
Seriola sp. - Amberjacks	0257
Seriola zonata (Mitchill 1815) - Banded Rudderfish	0074
Trachinotus carolinus (Linnaeus 1766) - Florida or Common Pompano	0261
Trachinotus falcatus (Linnaeus)	0944
Trachurus lathami Nichols 1920 - Rough Shad	0269
Trachurus trachurus (Linne 1758) - Horse Mackerel	0093
Vomer setapinnis (Mitchill 1815) - Atlantic Moonfish	0094
F. Coryphaenidae - Dolphins	
Coryphaena equiselis	0585
Coryphaena hippurus Linnaeus 1758 - Dolphin.	0747
F. Bramidae - Pomfrets	
Brama brama (Bonaterre 1788) - Atlantic Pomfret	0095
Pterycombus brama (Fries 1837)	0495
Taractes asper	0898
Taractes sp.	0958
Taractichthys longipinnis (Lowe 1843) - Bigscale Pomfret	0096
F. Caristiidae - Manefishes	
Caristius groenlandicus (Jensen 1941) - Greenland Manefish	0097
F. Lutjanidae - Snappers	
Lutjanus sp.	0098
Pristipomoides aquilonaris (Goode and Bean 1896)	0497
F. Gerreidae - Mojarras	0420
F. Pomadasyidae (incl. Haemulidae) - Grunts	0263
Orthopristis chrysoptera (Linnaeus 1766) - Pigfish	0266

F. Sparidae - Porgies	0326
Archosargus probatocephalus (Walbaum 1792) - Sheepshead	0099
Pagrus pagrus Linne 1758 - Red Porgy	0268
Stenotomus chrysops (Linnaeus 1766) - Scup	0102
F. Sciaenidae - Drums	
Cynoscion nebulosus (Cuvier and Valenciennes 1830) - Spotted Weakfish	0271
Cynoscion regalis (Bloch and Schneider 1801) - Weakfish	0103
Leiostomus xanthurus Lacepede 1802 - Spot Croaker	0270
Menticirrhus saxatilis (Bloch and Schneider 1801) - Northern Kingfish	0007
Micropogonias undulatus (Linnaeus 1766) - Atlantic Croaker	0258
Pogonias cromis (Linnaeus 1766) - Black Drum	0104
Sciaenops ocellatus (Linnaeus 1766) - Red Drum	0267
F. Mullidae - Goatfishes	
Mullus auratus Jordan and Gilbert 1882 - Red Goatfish	0105
F. Bathyclupeidae	
Bathyclupea argentea (Goode and Bean 1896)	0581
F. Kyphosidae - Sea Chubs	
Kyphosus sectatrix (Linnaeus 1766) - Bermuda Chub/Rudderfish	0106
F. Chaetodontidae (incl. Pomacanthidae) - Butterflyfishes	0328
Chaetodon ocellatus Bloch 1787 - Spotfin Butterflyfish	0107
Chaetodon sp.	0578
F. Pomacentridae - Damselfishes	
Abudefduf saxatilis (Linnaeus 1758) - Sergeant Major	0054
Holocanthus sp.	0380
s.o. MUGILOIDEI - Mullets (NS)	
F. Mugilidae - Mullets	0265
Mugil cephalus Linnaeus 1758 - Striped Mullet	0048
Mugil curema Cuvier and Valenciennes 1836 - White Mullet	0047
s.o. SPHYRAENOIDEI	
F. Sphyraenidae - Barracudas	
Sphyraena borealis DeKay 1842 - Northern Sennet	0046
s.o. TRACHINOIDEI	
F. Chiasmodontidae - Black Swallowers	0971
Chiasmodon bolangeri	0887
Chiasmodon niger Johnson 1863 - Black Swallower	0039
Chiasmodon sp.	0909
Pseudoscopelus sp.- Swallowers	0038
s.o. LABROIDEI	0199
F. Scaridae - Parrotfishes	0197
F. Labridae - Wrasses	0036
Hemipteronotus sp. - Razorfishes	0371
Tautoga onitis (Linnaeus 1758) - Tautog	0053
Tautogolabrus adspersus (Walbaum 1792) - Cunner	0122
Thalassoma bifasciatum Bloch xxxx - Bluehead	0372
s.o. BLENNIOIDEI - Blennies, Shannies, Gunnels	0644

F. Blenniidae - Combtooth Blennies	
Blenniidae sp. - Blennies	0597
Parablennius marmoreus	0586
F. Lumpenidae - Shanny	0645
Lumpenus fabricii (Valenciennes 1836) - Slender Eelblenny	0631
Lumpenus lumpretaeformis (Walbaum 1792) - Snakeblenny	0622
Lumpenus maculatus (Fries 1837) - Daubed Shanny	0623
Lumpenus medius (Reinhardt 1838) - Stout Eelblenny	0632
F. Stichaeidae - Pricklebacks	0639
Chirolophus ascanii (Walbaum 1792) - Yarrell's Snakeblenny	0629
Eumesogrammus praecisus (Kroyer 1837) - Fourline Snakeblenny	0626
Stichaeus punctatus (Fabricius 1780) - Arctic Shanny	0624
Ulvaria subbifurcata (Storer 1839) - Radiated Shanny	0625
F. Pholidae - Gunnels	
Blennies, Shannies, Gunnels - OBSOLETE (see 0644)	0605
Pholis fasciata (Bloch and Schneider 1801) - Banded Gunnel	0633
Pholis gunnellus (Linnaeus 1758) - Rock Gunnel	0621
F. Anarhichadidae - Wolffishes (NS)	0059
Anarhichas denticulatus Kroyer 1884 - Northern Wolffish	0052
Anarhichas lupus Linnaeus 1758 - Striped Atlantic Wolffish	0050
Anarhichas minor Olafsen 1774 - Spotted Wolffish	0051
F. Cryptacanthodidae - Wrymouths	
Cryptacanthodes maculatus Storer 1839 - Wrymouth/Ghostfish	0630
s.o. AMMODYTOIDEI - Sand Lances (NS)	
F. Ammodytidae - Sand Lances	0590
Ammodytes americanus DeKay 1842 - American Sand Lance	0599
Ammodytes dubius Reinhardt 1838 - Northern Sand Lance	0610
Ammodytes sp.- Sand Lance (sand eels) Unidentified	0611
s.o. GOBIOIDEI	
F. Gobiidae - Gobies	0804
F. Microdesmidae	0855
s.o. CALLIONYMOIDEI	
F. Callionymidae - Dragonets	0635
Callionymus sp.	0657
Callionymus agassizi Goode and Bean 1888 - Spotfin Dragonet	0637
Callionymus bairdi Jordan 1887 - Lancer or Coral Dragonet	0653
Callionymus pauciradiatus Gill xxxx - Spotted Dragonet	0658
F. Draconettidae	
Draconetta acanthopoma (Regan 1904)	0496
s.o. ACANTHUROIDEI - Surgeon fish	
F. Acanthuridae - Surgeon fish	
Acanthurus sp.	0584
s.o. SCOMBROIDEI - Tunas, Mackerel, Swordfish, etc	0073
F. Scombrolabracidae	
Scombrolabrax heterolepis	0926

F. Gempylidae - Snake Mackerels	0296
Gempylus serpens	0927
Lepidocybium flavobrunneum (Smith 1849) - Escolar	0027
Nealotus tripes Johnson 1865 - Blacksnake Mackerel	0028
Neoepinnula orientalis (Gilchrist & VonBonde 1924)	0563
Nesiarchus nasutus	0877
Ruvettus pretiosus Cocco 1829 - Oilfish	0029
F. Trichiuridae - Cutlassfishes	0689
Aphanopus carbo Lowe 1839 - Black Scabbardfish	0784
Benthodesmus elongatus simonyi (Steindachner 1891) - Frostfish	0714
Benthodesmus sp.	0528
Benthodesmus tenuis	0824
Diplospinus multistriatus (Maul 1948)	0359
Evoxymetopon taeniatus	0938
F. Scombridae - Mackerels and Tunas	
Acanthocybium solanderi (Cuvier xxxx) - Wahoo	0830
Auxis thazard (Lacepede 1802) - Frigate Mackerel	0187
Euthynnus alletteratus (Rafinesque 1810) - Little Tunny/False Albacore	0173
Euthynnus pelamis Jordan and Gilbert 1883 - Striped Bonito/Skipjack Tuna	0172
Sarda sarda (Bloch 1793) - Atlantic Bonito	0188
Scomber japonicus Houttuyn 1782 - Chub Mackerel	0170
Scomber scombrus Linnaeus 1758 - Atlantic Mackerel	0070
Scomberomorus cavalla (Cuvier and Valenciennes 1831) - King Mackerel	0189
Scomberomorus maculatus (Mitchill 1815) - Spanish Mackerel	0171
Thunnus alalunga (Bonnaterre 1788) - Albacore	0190
Thunnus albacares (Bonnaterre 1788) - Yellowfin Tuna	0191
Thunnus atlanticus - Blackfin Tuna	0846
Thunnus obesus (Lowe 1839) - Bigeye Tuna	0192
Thunnus sp.	0321
Thunnus thynnus (Linnaeus 1758) - Bluefin Tuna	0071
F. Xiphiidae - Swordfishes	
Xiphias gladius Linnaeus 1758 - Swordfish	0072
F. Istiophoridae (incl. Makairidae) - Spearfishes and Sailfishes (Marlins)	
Istiophorus platypterus Shaw and Nodder 1791 - Sailfish	0255
Makaira albida (Poey 1860) - White Marlin	0032
Makaira indica (Cuvier xxxx) - Black Marlin	0835
Makaira nigricans Lacepede 1803 - Blue Marlin	0033
Tetrapturus pfluegeri Robins and deSylva - Longbill Spearfish	0840
s.o. STROMATEOIDEI - Butterfishes (NS)	0951
F. Centrolophidae - Medusa Fishes or Ruffs	
Centrolophus niger (Gmelin 1788) - Black Ruff	0787
Hyperoglyphe perciformis (Mitchill 1818) - American Barrelfish	0743
Schedophilus medusophagus Cocco 1839 - Cornish Blackfish/Brown Ruff	0786
F. Nomeidae - Driftfishes	0821
Cubiceps capensis (Smith 1849)	0534
Cubiceps gracilis (Lowe 1843)	0532
Cubiceps pauciradiatus	0820
Cubiceps sp.	0531
Nomeus gronovii (Gmelin 1788) - Man-of-War Fish	0788
Psenes maculatus Lutken 1880 - Silver Driftfish	0789
Psenes pellucidus Lutken xxxx - Bluefin Driftfish	0822
F. Ariommidae	
Ariomma bondi Fowler 1930 - Silver Rag	0785
F. Tetragonuridae - Squaretails	
Tetragonurus atlanticus Lowe 1843 - Bigeye Squaretail	0790

Tetragonurus cuvieri Risso 1810 - Smalleye Squaretail	0791
F. Stromateidae - Butterfishes	
Ariomma sp.	0813
Peprilus triacanthus (Peck 1804) - Butterfish	0701
O. PLEURONECTIFORMES - Flatfishes	0346
F. Scophthalmidae	
Scophthalmus aquosus (Mitchill 1815) - Windowpane	0143
F. Bothidae - Lefteye Flounders	0196
Bothus ocellatus (Agassiz 1831) - Eyed Flounder	0045
Bothus sp.	0008
Citharichthys arctifrons Goode 1880 - Gulf Stream Flounder	0044
Citharichthys cornutus (Gunther xxxx) - Horned Whiff	0387
Citharichthys gymnorhinus Gutherz and Blackman xxxx - Anglefin Whiff	0388
Cyclopsetta fimbriata Goode and Bean xxxx - Spotfin Flounder	0345
Cyclopsetta sp.	0379
Engyophrys senta Ginsburg 1933 - Spiny Flounder	0325
Etropus crossotus Jordan and Gilbert xxxx - Fringed Flounder	0344
Etropus microstomus (Gill xxxx) - Smallmouth Flounder	0386
Monolene antillarum Norman 1933 - Slim Flounder	0324
Monolene sessilicauda Goode 1880 - Deepwater Flounder	0385
Monolene sp.	0382
Paralichthys dentatus (Linnaeus 1766) - Summer Flounder	0141
Paralichthys oblongus (Mitchill 1815) - Fourspot Flounder	0142
Syacium micrurum Ranzani 1840 - Channel Flounder	0282
Syacium sp. - Channel Flounder	0198
Trichopsetta orbisulcus Anderson and Gutherz 1967	0333
Trichopsetta sp.	0277
F. Pleuronectidae - Righteye Flounders (NS)	0049
Glyptocephalus cynoglossus (Linnaeus 1758) - Witch Flounder	0041
Hippoglossoides platessoides (Fabricius 1780) - American Plaice	0040
Hippoglossus hippoglossus (Linnaeus 1758) - Atlantic Halibut	0030
Limanda ferruginea (Storer 1839) - Yellowtail Flounder	0042
Liopsetta putnami (Gill 1864) - Smooth Flounder	0140
Poecilopsetta sp.	0568
Pseudopleuronectes americanus (Walbaum 1792) - Winter Flounder	0043
Reinhardtius hippoglossoides (Walbaum 1792) - Greenland Halibut	0031
F. Cynoglossidae - Tonguefishes	
Symphurus minor Ginsburg 1951 - Largescale Tonguefish	0693
Symphurus pterospilotus Ginsburg 1951 - Tonguefish	0816
Symphurus sp. - Tonguefish	0805
O. TETRAODONTIFORMES - Spikefishes	
F. Balistidae - Triggerfishes and Filefishes	
Aluterus schoepfi (Walbaum 1792) - Orange Filefish	0001
Aluterus scriptus (Osbeck 1757) - Scrawled Filefish	0002
Balistes capriscus Gmelin 1789 - Gray Triggerfish	0003
Balistes vetula Linnaeus 1758 - Queen Triggerfish	0004
Canthidermis sufflamen (Mitchill xxxx) - Ocean Triggerfish	0826
Monacanthus ciliatus (Mitchill 1818) - Fringed Filefish	0005
Stephanolepis hispidus (Linnaeus 1766) - Planehead Filefish	0006
F. Ostraciontidae - Boxfishes	
Lactophrys trigonus (Linnaeus 1758) - Trunkfish	0794
Lactophrys triqueter (Linnaeus 1754) - Smooth Trunkfish	0809
F. Tetraodontidae (incl. Canthigasteridae) - Puffers or Swellfishes	
Lagocephalus lagocephalus Linnaeus 1758 - Oceanic Puffer	0792
Sphoeroides maculatus (Bloch and Schneider 1801) - Northern Puffer	0746
Sphoeroides sp.	0827

F. Diodontidae - Porcupinefishes	0692
Chilomycterus schoepfi (Walbaum 1792) - Striped Burrfish	0793
Diodon holocanthus (Linnaeus 1758)	0367
F. Molidae - Headfishes	
Mola mola (Linnaeus 1758) - Ocean Sunfish	0730
C. MAMMALIA	
O. CETACEA *18	
s.o. ODONTOCEIT	
Unidentified Whales	0920
Unidentified Dolphins	0930
F. Ziphiidae	
Hyperoodon ampullatus (Forster 1770) Northern Bottlenosed Whale	0922
F. Delphinidae	
Globicephala melaena (Traill 1809) - Atlantic Pilot Whale	0921
Lagenorhynchus acutus (Gray 1828) - Atlantic White sided Dolphin	0933
Lagenorhynchus albirostris Gray 1846 - White Beaked Dolphin	0932
Tursiops truncatus (Montagu 1821) - Atlantic Bottlenosed Dolphin	0931
O. PINNIPEDIA *19	
S.F. PHOCOIDEA	
F. Phocidae - Seals	0900
S.F. OTARIOIDEA	
F. Odobenidae	0910

FLORA

K. PLANTIA	
P. ALGAE	
C. THALLOPHYTA - Algae (Seaweeds), Kelp	**9300**
C. PHAEOPHYCEAE - Brown Seaweeds	**9303**
Fucus sp. - Brown Rockweed	9301
C. CHLOROPHYCEAE - Green Seaweeds	
F. Ulvaceae	
Ulva sp. - Sea Lettuce	9302
C. RHODOPHYCEAE - Red Seaweeds	**9304**

MISCELLANEOUS

Unidentified remains, ie. digested in stomachs	9000
Mucus	9100
Stones and rocks	9200
Foreign articles, ie. garbage	9400
Mud	9500
Water	9600
Sand	9700
Oil (crude), etc.	9800
Empty	9999
I. tanoplus *7	2826

EGGS

EGGS, Unidentified	1100
FISH EGGS - (NS)	1200
F. Gadidae - Cod	1210
Ammodytes sp. - Sand Lance	1226
Clupea harengus - Herring	1221
Cyclopterus lumpus - Lumpfish	1225
Enchelyopus cimbrius - Fourbeard Rockling	1229
Gadus morhua - Cod	1211
Glyptocephalus cynoglossus - Witch Flounder	1227
Hemitripterus americanus - Sea Raven	1218
Hippoglossoides platessoides - Plaice	1222
Limanda ferruginea - Yellowtail Flounder	1230
Liopsetta putnami - Smooth Flounder	1219
Maurolicus muelleri - Muller's pearlsides	1215
Melanogrammus aeglefinus - Haddock	1212
Myoxocephalus sp. - Sculpins	1228
Paralichthys oblongus - Fourspot Flounder	1220
Raja sp. - Skate	1224
Scomber scombrus - Mackerel	1223
PLEURONECTIFORMES - Flatfishes Unidentified	1231
Argentina silus	1252
Brosme brosme - Cusk	1235
Citharichthys arctifrons -Gulfstream Flounder	1250
Hippoglossus hippoglossus - Atlantic Halibut	1248
Lophius americana - Monkfish/Angler	1238
Merluccius albidus - Offshore Hake	1245
Merluccius bilinearis - Silver Hake	1239
Paralichthys dentatus - Summer Flounder	1251
Peprilus triacanthus - Butterfish	1234
Pollachius virens - Pollock	1247
Pseudopleuronectes americanus - Winter Flounder	1253
Scophthalmus aquosus - Brill-Windowpane Flounder	1249
Tautogolabrus adspersus - Cunner	1232
Urophycis sp. - Hake	1246

Urophycis tenuis - White Hake	1233
Gonostomatidae	1260
Engraulidae - Anchovy eggs	1263
Liparis sp. - Egg Unidentified	1295
Mixed Grouping of Fish Eggs	
Cod/Haddock	1237
Silver/Long-fin Hake	1240
Silver/Long-fin Hake/Fourbeard Rockling	1241
H4B: Fourbeard Rockling Hake sp. Butterfish Silver Hake Offshore Hake Gulfstream Flounder Longfin Hake Windowpane Flounder	1236
Cod/Haddock/Witch	1242
Cusk/Mackerel	1243
Cunner/Yellowtail	1244
Gonostomatidae	1260
INVERTEBRATE EGGS	1305
CRUSTACEA	1300
COPEPODA	1309
DECAPODA	1310
PANDALID	1311
HIPPOLYTID	1312
CRAGONID	1313
CRAB	1314
LOBSTER	1315
HERMIT CRABS	1316
ANNELIDA - Segmented Worms	1400
POLYCHAETA - Bristle Worms	1410
Aphrodite aculeata - Sea Mouse	1420
SIPUNCULA (GEPHYREA)	1430
NEMATODA- Tube Worms	1440
MOLLUSCA - Mollusks	1500
Buccinidae - Whelks	1510
GASTEROPODA - Snails and Slugs	1511

PELECYPODA - Bivalve Molluscs	1520
CEPHALOPODA - Squid	1530
Others - Invertebrates	1600

Footnotes

1. Classification according to Kudo, 1966.
2. Classification according to Linkletter et al. 1977.
3. Classification according to Shih et al. 1977.
4. Classification according to Gosner, 1971.
5. Classification according to Hyman, 1951.
6. Classification according to Abbott, 1974.
7. Unrevisable.
8. Classification according to Voss, 1977.
9. Classification according to Tattersall, 1951.
10. Classification according to Williams, 1974.
11. Classification according to Van Name, 1912.
12. Classification according to Bousfield, 1973.
13. Classification according to Watling, 1979.
14. Classification according to Schultz, 1969.
15. Classification according to Wilson, 1932.
16. Classification according to Parker et al., 1964.
17. Classification according to Unesco, 1979.
18. Classification according to Leatherwood et al., 1976.
19. Classification according to Scheffer, 1958.
20. Classification according to Sverdrup et al., 1955.

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Appendix A

Main Groups (Summary or Key) of Column A

GROUP (1) Eggs - of fish crustaceans, annelids, molluscs, etc.

GROUP (2) Arthropoda - crabs, shrimps, barnacles, etc., copepods (Crustacea).

GROUP (3) Annelida (Annulata) - round worms, sea mice, etc.

GROUP (4) Mollusca - snails, clams, squid, octopus, nautilus, slups, sea butterfly, chitons.

GROUP (5) Chaetognatha - arrow worms(ie Formanifera, Crinoides, Leptostraca, Pycnogonida) + miscellaneous phyla to be added.

GROUP (6) Echinodermata - starfish, sea cucumber, palouses, basket stars, sea lilies.

GROUP (7) Nemathelminthes - round worms, nematodes, horse, hairs.

GROUP (8) Ctenophora - comb jellies.
Coelenterata - sea anemones, jellyfish, hydroids.
Porifera - sponges

GROUP (9) Plants and inanimates (e.g. stones, gravel, etc.)

Appendix B

Breakdown of Main Groups (A) into Groups (B)

(sub groups used in gross analysis
- does not include genus or species.)

Main Group
0 Fishes and Mammals

Main Group
1

Sub Group	1.	Eggs - Unidentified	1100
	2.	Eggs - Fish	1200
	3.	Eggs - Crustacean	1300
	4.	Eggs - Annelid	1400
	5.	Eggs - Mollusc	1500
	6.	Eggs - Others	1600
	7.	Protozoa	1700
	8.	Protochordates	1800
		Amphioxus	1828
		Tunicata	1800
	9.	Bryzoans	1900

Main Group
2 Arthropoda

Main Group
3 Annelida

Main Group
4 Mollusca

Main Group
5 Chaetognatha

Main Group
6 Echinodermata

Main Group
7 Nemathelminthes
Plathelminthes

Main Group
8 Marine Plants
Miscellaneous

Appendix C

Alphabetical Listing of Fishes by Scientific Name

0054 Abudefduf saxatilis (Linnaeus 1758) - Sergeant Major
0830 Acanthocybium solanderi (Cuvier xxxx) - Wahoo
0584 Acanthurus sp.
0249 Acipenser brevirostrum LeSueur 1818 - Shortnose Sturgeon
0243 Acipenser oxyrhynchus Mitchill 1815 - Atlantic Sturgeon
0350 Agonus decagonus Bloch and Schneider 1801 - Atlantic Sea Poacher
0441 Ahlia egmontis (Jordan 1884) - Key Worm Eel
0517 Ahliesaurus berryi (Bertelsen, Krefft & Marshall 1976)
0175 Albula vulpes (Linnaeus 1758) - Bonefish
0837 Albula sp.
0865 Aldrovandia phalacra (Vaillant 1888)
0731 Alepisaurus brevirostris Gibbs 1960 - Shortnose Lancetfish
0710 Alepisaurus ferox Lowe 1833 - Longnose Lancetfish
0724 Alepocephalus bairdii (Goode and Bean 1879) - Baird's Smoothhead
0234 Alopias vulpinus (Bonnaterre 1788) - Thresher Shark
0281 Alosa sp.
0165 Alosa aestivalis (Mitchill 1815) - Blueback Herring
0264 Alosa mediocris (Mitchill 1814) - Hickory Shad
0062 Alosa pseudoharengus (Wilson 1811) - Gaspereau, Alewife
0061 Alosa sapidissima (Wilson 1811) - American Shad
0001 Aluterus schoepfi (Walbaum 1792) - Orange Filefish
0002 Aluterus scriptus (Osbeck 1757) - Scrawled Filefish
0890 Amia calva (Linnaeus)
0611 Ammodytes sp.- Sand Lance (sand eels) Unidentified
0599 Ammodytes americanus DeKay 1842 - American Sand Lance
0610 Ammodytes dubius Reinhardt 1838 - Northern Sand Lance
0810 Amphelikturus dendriticus (Barbour xxxx) - Pipehorse
0426 Anarchias yoshiae Kanazawa 1952 - Pigmy Moray
0052 Anarhichas denticulatus Kroyer 1884 - Northern Wolffish
0050 Anarhichas lupus Linnaeus 1758 - Striped Atlantic Wolffish
0051 Anarhichas minor Olafsen 1774 - Spotted Wolffish
0058 Anchoa hepsetus (Linnaeus 1758) - Striped Anchovy
0836 Anchoa lamprotaenia (Hildebrand)
0254 Anchoa mitchilli (Cuvier and Valenciennes 1848) - Bay Anchovy
0651 Anguilla anguilla Shaw 1803 - European Eel
0600 Anguilla rostrata (LeSueur 1817) - American Eel
0774 Anoplogaster cornuta (Cuvier and Valenciennes 1833) - Ogrefish
0732 Anotopterus pharao Zugmayer 1911 - Daggertooth
0397 Antennarius ocellatus Poey 1868 - Ocellated Frogfish
0375 Antennarius sp.
0498 Anthias nicholsi (Firth 1933)
0668 Anthias sp.
0384 Antigonia capros (Lowe) Deepbody Boarfish
0366 Antigonia combatia (Berry and Rathjen 1959)
0113 Antimora rostrata Gunther 1878 - Blue Antimora/Hake
0363 Apeltes quadracus (Mitchill 1815) - Fourspine Stickleback
0784 Aphanopus carbo Lowe 1839 - Black Scabbardfish
0781 Apogon maculatus (Poey 1860) - Flamefish
0685 Apogon pseudomaculatus Longley xxxx - Two Spot Cardinalfish
0782 Apogon sellicauda Evermann and Marsh 1902
0947 Apristurus laurussoni
0239 Apristurus profundorum (Goode and Bean 1896) - Deepsea Cat Shark
0442 Apterichtus ansp (Bohlke 1968) - Academy Eel
0443 Apterichtus kendalli (Gilbert 1889) - Finless Eel
0099 Archosargus probatocephalus (Walbaum 1792) - Sheepshead
0160 Argentina silus Ascanius 1763 - Atlantic Argentine
0161 Argentina striata Goode and Bean 1896 - Striated Argentine
0700 Argyropelecus aculeatus Cuvier and Valenciennes 1849 - Atlantic Silver Hatchetfish
0422 Argyropelecus affinis (Garman 1899)
0705 Argyropelecus gigas Norman 1903
0706 Argyropelecus hemigymnus Cocco 1829
0707 Argyropelecus lychnus lychnus Garman 1899
0912 Argyropelecus sladeni
0928 Argyropelecus sp.
0813 Ariomma sp.
0785. Ariomma bondi Fowler 1930 - Silver Rag
0579 Ariosoma balearicum (Delaroche 1809)

0430	Ariosoma sp.
0518	Aristostomias lunifer (Regan and Trewavas 1930)
0583	Aristostomias photodactylus (Beebe 1933)
0519	Aristostomias polydactylus (Regan and Trewavas 1930)
0338	Aristostomias sp.
0818	Aristostomias tittmanni xxxx
0880	Artediellus atlanticus (Jordan & Evermann 1898)
0323	Artediellus sp. - Hookear Sculpin
0306	Artediellus uncinatus (Reinhardt 1833) - Arctic Hookear Sculpin
0340	Aspidophoroides monopterygius (Bloch 1786) - Alligatorfish
0341	Aspidophoroides olriki Lutken 1876 - Arctic Alligatorfish
0521	Astronesthes cyaneus (Brauer 1902)
0875	Astronesthes gemmifer
0522	Astronesthes leucopogon (Regan and Trewavas 1930)
0908	Astronesthes micropogon
0523	Astronesthes niger (Richardson 1844)
0524	Astronesthes similis (Parr 1927)
0948	Astronesthes sp.
0187	Auxis thazard (Lacepede 1802) - Frigate Mackerel
0913	Avocettina infans
0003	Balistes capriscus Gmelin 1789 - Gray Triggerfish
0004	Balistes vetula Linnaeus 1758 - Queen Triggerfish
0444	Bascanichthys bascanium (Jordan 1884) - Sooty Eel
0916	Bathophilus chironema
0918	Bathophilus longipinnis
0722	Bathophilus metallicus (Welsh 1923)
0525	Bathophilus proximus (Regan and Trewavas 1930)
0581	Bathyclupea argentea (Goode and Bean 1896)
0526	Bathylagus berycoides (Borodin 1929)
0291	Bathylagus compsus Cohen 1958
0176	Bathylagus euryops Goode and Bean 1895 - Goitre Black Smelt
0347	Bathylagus greyae xxxx
0295	Bathylagus sp.
0148	Bathypterois dubius Vaillant 1888 - Notch Feeler Fish
0863	Bathypterois quadrifilis (Gunther 1878)
0814	Bathysaurus ferox Gunther 1878
0527	Benthalbella infans (Zugmayer 1911)
0714	Benthodesmus elongatus simonyi (Steindachner 1891) - Frostfish
0528	Benthodesmus sp.
0824	Benthodesmus tenuis
0286	Benthosema sp.
0157	Benthosema glaciale (Reinhardt 1837) - Glacier Lanternfish
0473	Benthosema suborbitale (Gilbert 1913)
0775	Beryx decadactylus Cuvier and Valenciennes 1829 - Alfonsin a Casta Larga
0776	Beryx splendens Lowe 1833 - Alfonsin a Casta
0605	Blennies, Shannies, Gunnels - OBSOLETE (see 0644)
0597	Blenniidae sp. - Blennies
0529	Bolinichthys indicus (Nafpaktitis and Nafpaktitis 1969)
0292	Bolinichthys photothorax (Parr 1928)
0860	Bolinichthys sp.
0462	Bolinichthys supralateralis (Parr 1928)
0022	Bonapartia pediolota (Goode and Bean 1896)
0110	Boreogadus saida (Lepechin 1774) - Arctic Cod
0716	Borostomias antarcticus (Lonnberg 1905) - Straightline Dragonfish
0949	Borostomias sp.
0008	Bothus sp.
0045	Bothus ocellatus (Agassiz 1831) - Eyed Flounder
0095	Brama brama (Bonaterre 1788) - Atlantic Pomfret
0365	Bregmaceros atlanticus (Goode and Bean 1886)
0831	Bregmaceros macclellandi (Thompson 1840)
0690	Bregmaceros sp.
0591	Breviraja spinosa (Bigelow & Schroeder 1950)
0164	Brevoortia tyrannus (Latrobe 1802) - Atlantic Menhaden
0015	Brosme brosme (Muller 1776) - Cusk
0940	Brotula barbata
0354	Brosmiculus imberbis
0445	Callechelys sp.
0446	Callechelys muraena Jordan and Evermann 1886 - Blotched Snake Eel
0657	Callionymus sp.
0637	Callionymus agassizi Goode and Bean 1888 - Spotfin Dragonet
0653	Callionymus bairdi Jordan 1887 - Lancer or Coral Dragonet
0658	Callionymus pauciradiatus Gill xxxx - Spotted Dragonet
0826	Canthidermis sufflamen (Mitchill xxxx) - Ocean Triggerfish
0085	Caranx crysos (Mitchill 1815) - Blue Runner

0086	*Caranx hippos* (Linnaeus 1766) - Crevalle Jack
0960	*Caranx* sp.
0953	*Carapid* sp.
0851	*Carassius auratus* (Linnaeus)
0965	*Carcharhinus limbatus* (Valenciennes)
0244	*Carcharhinus longimanus* (Poey 1861) - Oceanic Whitetip Shark
0245	*Carcharhinus milberti* Jordan and Gilbert 1883 - Sandbar Shark
0246	*Carcharhinus obscurus* (LeSeuer 1818) - Dusky Shark
0232	*Carcharodon carcharias* (Linnaeus 1758) - White Shark
0507	*Careproctus longipinnis* Burke 1912 - Longfin Seasnail
0924	*Careproctus ranulus* - Sea Tadpole
0520	*Careproctus reinhardi* (Kroyer 1862) - Sea Tadpole
0515	*Careproctus* sp. - Seasnail
0097	*Caristius groenlandicus* (Jensen 1941) - Greenland Manefish
0289	*Caulolatilus* sp.
0405	*Caulophryne jordani* Goode and Bean 1896
0124	*Centrobranchus nigro-ocellatus* (Gunther 1873)
0787	*Centrolophus niger* (Gmelin 1788) - Black Ruff
0121	*Centropristis striata* (Linnaeus 1758) - Black or Southern Sea Bass
0221	*Centroscyllium fabricii* (Reinhardt 1825) - Black Dogfish
0223	*Centroscymnus coelolepis* Bocage and Brito Capello 1864 - Portugese Shark
0401	*Ceratias holboelli* Kroyer 1844 - Deepsea Angler
0293	*Ceratoscopelus* sp.
0163	*Ceratoscopelus maderensis* (Lowe 1839) - Horned Lanternfish
0468	*Ceratoscopelus warmingii* (Lutken 1892)
0233	*Cetorhinus maximus* (Gunnerus 1765) - Basking Shark
0936	*Chaenophryne draco*
0761	*Chaenophryne longiceps* Parr 1927
0107	*Chaetodon ocellatus* Bloch 1787 - Spotfin Butterflyfish
0578	*Chaetodon* sp.
0335	*Chauliodus* sp.
0334	*Chauliodus danae* Regan and Trewavas 1929
0169	*Chauliodus sloani* Bloch and Schneider 1801 - Viperfish
0530	*Chaunax* sp.
0887	*Chiasmodon bolangeri*
0039	*Chiasmodon niger* Johnson 1863 - Black Swallower
0909	*Chiasmodon* sp.
0793	*Chilomycterus schoepfi* (Walbaum 1792) - Striped Burrfish
0629	*Chirolophus ascanii* (Walbaum 1792) - Yarrell's Snakeblenny
0392	*Chirostomias pliopterus* (Regan and Trewavas 1930)
0481	*Chlopsis bicolor* Rafinesque 1810 - Bicolor Eel
0369	*Chlopsis* sp.
0156	*Chlorophthalmus agassizi* Bonaparta 1840 - Shortnose Greeneye
0852	*Chrosomus eos* (Cope)
0853	*Chrosomus neogaeus* (Cope)
0044	*Citharichthys arctifrons* Goode 1880 - Gulf Stream Flounder
0387	*Citharichthys cornutus* (Gunther xxxx) - Horned Whiff
0388	*Citharichthys gymnorhinus* Gutherz and Blackman xxxx - Anglefin Whiff
0060	*Clupea harengus* Linnaeus 1758 - Atlantic Herring
0533	*Coccorella atlantica* (Roule 1929)
0413	*Coelorhynchus carminatus* (Goode 1880) - Longnose Grenadier
0431	*Conger* sp.
0608	*Conger oceanicus* (Mitchill 1818) - Conger Eel
0749	*Conocara salmonea* (Gill and Townsend 1897) - Slickhead
0078	*Cookeolus boops* (Bloch and Schneider 1801) - Bulleye
0067	*Coregonus canadensis* Scott 1967 - Atlantic Whitefish
0066	*Coregonus clupeaformis* (Mitchill 1818) - Lake Whitefish
0585	*Coryphaena equiselis*
0747	*Coryphaena hippurus* Linnaeus 1758 - Dolphins
0414	*Coryphaenoides rupestris* Gunnerus 1765 - Rock or Roundnose Grenadier
0311	*Cottidae* - Others
0307	*Cottunculus microps* Collett 1875 - Polar Sculpin
0308	*Cottunculus thompsoni* (Gunther 1882) - Pallid Sculpin
0854	*Couesius plumbeus* (Agassiz) Lake Chub
0630	*Cryptacanthodes maculatus* Storer 1839 - Wrymouth/Ghostfish
0402	*Cryptopsaras couesi* Gill 1883 - Lesser Deepsea Angler/Warted Seadevil
0534	*Cubiceps capensis* (Smith 1849)
0532	*Cubiceps gracilis* (Lowe 1843)
0820	*Cubiceps pauciradiatus*
0531	*Cubiceps* sp.
0345	*Cyclopsetta fimbriata* Goode and Bean xxxx - Spotfin Flounder
0379	*Cyclopsetta* sp.
0501	*Cyclopterus lumpus* Linnaeus 1758 - Lumpfish
0755	*Cyclothone* sp.- Anglemouth Unidentified

0696	*Cyclothone acclinidens* Garman 1899
0753	*Cyclothone alba* Brauer 1906 - Albino Anglemouth
0754	*Cyclothone braueri* Jesperson and Taning 1926 - Brauer's Anglemouth
0154	*Cyclothone microdon* (Gunther 1878) - Veiled Anglemouth
0322	*Cyclothone pseudopallida*
0271	*Cynoscion nebulosus* (Cuvier and Valenciennes 1830) - Spotted Weakfish
0103	*Cynoscion regalis* (Bloch and Schneider 1801) - Weakfish
0734	*Cypselurus furcatus* (Mitchill 1815) - Spotfin Flyingfish
0735	*Cypselurus heterurus* (Rafinesque 1810) - Atlantic Flyingfish
0806	*Dactylopterus volitans* (Linnaeus 1758) - Flying Gurnard
0962	*Danaphryne nigrifilis*
0213	*Dasyatis centroura* (Mitchill 1815) - Roughtail Stingray
0218	*Dasyatis violacea* (Bonaparte 1832) - Pelagic Stingray
0087	*Decapterus macarellus* (Cuvier 1833) - Mackeral Scad
0080	*Decapterus punctatus* Agissiz 1829 - Round Scad
0377	*Decapterus* sp.
0612	*Derichthys serpentinus* Gill 1884 - Neck Eel
0229	*Diaphus* sp.
0453	*Diaphus bertelseni* (Nafpaktitis 1966)
0428	*Diaphus brachycephalus* (Taning 1928)
0152	*Diaphus dumerilii* (Bleeker 1856) - Lanternfish
0125	*Diaphus effulgens* (Goode and Bean 1896)
0535	*Diaphus fragilis* (Taaning 1928)
0424	*Diaphus garmani* (Gilbert 1906)
0536	*Diaphus holti* (Taaning 1918)
0423	*Diaphus lucidus* (Goode and Bean 1896)
0127	*Diaphus luetkeni* (Brauer 1904)
0168	*Diaphus metopoclampus* (Cocco 1829) - Headlightfish
0128	*Diaphus mollis* Taning 1928
0126	*Diaphus perspicillatus* (Brauer 1904)
0129	*Diaphus rafinesquii* (Cocco 1838)
0537	*Diaphus roei* (Nafpaktitus 1974)
0439	*Diaphus splendidus* (Brauer 1904)
0540	*Diaphus taaningi*
0130	*Diaphus termophilus* Taning 1928
0742	*Dibranchus atlanticus* Peters 1875 - Atlantic Batfish
0862	*Dicrolene intronigra* (Goode & Bean 1883)
0367	*Diodon holocanthus* (Linnaeus 1758)
0466	*Diogenichthys atlantica* (Taning 1928)
0695	*Diplectrum formosum* (Linnaeus 1766) - Sand Perch
0663	*Diplectrum* sp.
0935	*Diplophos maderensis*
0538	*Diplophos taenia* (Gunther 1873)
0359	*Diplospinus multistriatus* (Maul 1948)
0772	*Diretmus argenteus* Johnson 1863 - Spinyfin
0539	*Dolichopteryx binocularis* (Beebe 1932)
0762	*Dolopichthys allector* Garman 1899
0262	*Dorosoma cepedianum* (LeSeuer 1818) - Gizzard Shad
0496	*Draconetta acanthopoma* (Regan 1904)
0459	*Dysomma* sp.
0082	*Echeneis naucrates* Linnaeus 1758 - Shark Pilot
0037	*Echiodon dawsoni* Williams and Shipp 1982 - Chain Pearlfish
0447	*Echiophis* sp.
0541	*Echiostoma barbatum*
0901	*Ectreposebastes imus*
0904	*Edriolychnus schmidti*
0896	*Einara edentula*
0131	*Electrona rissoi* (Cocco 1829)
0349	*Elops saurus* Linnaeus 1766 - Lady Fish
0195	*Enchelyopus* and *Urophycis* sp.- Rockling and Hake
0114	*Enchelyopus cimbrius* (Linnaeus 1766) - Fourbeard Rockling
0009	*Engraulis eurystole* (Swain and Meek 1884) - Silver Anchovy
0325	*Engyophrys senta* Ginsburg 1933 - Spiny Flounder
0582	*Epigonus occidentalis* (Goode and Bean 1896)
0587	*Epigonus pandionis*
0677	*Epigonus denticulatus* Dieuzeide 1950
0878	*Epigonus* sp.
0888	*Epigonus telescopus*
0879	*Epinephelus morio* (Valenciennes 1828) - Red Grouper
0698	*Epinephelus niveatus* (Cuvier and Valenciennes 1828) - Snowny Grouper
0899	*Epinephelus* sp.
0224	*Etmopterus princeps* Collett 1904 - Rough Sagre
0344	*Etropus crossotus* Jordan and Gilbert xxxx - Fringed Flounder
0386	*Etropus microstomus* (Gill xxxx) - Smallmouth Flounder

0834	*Etrumeus sadina* (Bertin)
0166	*Etrumeus teres* DeKay 1842 - Round Herring
0626	*Eumesogrammus praecisus* (Kroyer 1837) - Fourline Snakeblenny
0509	*Eumicrotremus derjugini* Popov 1926 - Leatherfin Lumpsucker
0502	*Eumicrotremus spinosus* (Muller 1777) - Atlantic Spiny Lumpsucker
0614	*Eurypharynx pelecanoides* Vaillant 1882 - Pelican Gulper
0542	*Eustomias bibulbosus* (Parr 1927)
0393	*Eustomias bigelowi* (Welsh 1923)
0847	*Eustomias braueri*
0543	*Eustomias dubius* (Parr 1927)
0544	*Eustomias filifer* (Gilchrist 1908)
0670	*Eustomias fissibarbis* (Pappenheim 1914)
0394	*Eustomias lipochirus* (Regan and Trewavas 1930)
0848	*Eustomias longibarba*
0545	*Eustomias obscurus* (Vaillant 1888)
0964	*Eustomias polyaster*
0546	*Eustomias schmidti* (Regan and Trewavas 1930)
0849	*Eustomias silvescens*
0857	*Eustomias simplex*
0970	*Eustomias* sp.
0547	*Eustomias tetranema* (Zugmayer 1913)
0815	*Eutaeniophorus* sp.
0173	*Euthynnus alletteratus* (Rafinesque 1810) - Little Tunny/False Albacore
0172	*Euthynnus pelamis* Jordan and Gilbert 1883 - Striped Bonito/Skipjack Tuna
0383	*Evermannella balboa* (Risso 1820)
0488	*Evermannella indica* (Brauer 1906)
0733	*Evermannella* sp.
0938	*Evoxymetopon taeniatus*
0659	*Facciolella* sp. - Witch Eels
0100	Finfishes (Non-specified)
0780	*Fistularia tabacaria* Linnaeus 1758 - Bluespotted Cornetfish
0391	*Flagellostomias boureei* (Zugmayer 1913)
0738	*Fundulus diaphanus* (LeSueur 1817) - Banded Killifish
0769	*Fundulus heteroclitus* (Linnaeus 1766) - Mummichog
0010	*Gadus morhua* Linnaeus 1758 - Atlantic Cod
0118	*Gadus ogac* Richardson 1836 - Greenland Cod
0119	*Gaidropsarus* sp. - Rockling Unidentified
0116	*Gaidropsarus argentatus* (Reinhardt 1838) - Silver Rockling
0115	*Gaidropsarus ensis* (Reinhardt 1838) - Threebeard Rockling
0361	*Gasterosteus aculeatus* Linnaeus 1758 - Threespine Stickleback
0364	*Gasterosteus wheatlandi* Putman 1867 - Blackspotted Stickleback
0927	*Gempylus serpens*
0773	*Gephyroberyx darwini* (Johnson 1866)
0418	*Gigantactis* sp.
0867	*Gigantactis vanhoeffeni* (Brauer 1902)
0378	*Glossanodon sp.*
0041	*Glyptocephalus cynoglossus* (Linnaeus 1758) - Witch Flounder
0132	*Gonichthys coccoi* (Cocco 1829) - Cocco's Lanternfish
0929	*Gonostoma atlanticum*
0883	*Gonostoma bathyphilum*
0954	*Gonostoma denudatum*
0155	*Gonostoma elongatum* Gunther 1878 - Longtooth Anglemouth
0548	*Gonostoma* sp.
0838	*Gordiichthys leibyi*
0717	*Grammatostomias dentatus* Goode and Bean 1895 - Torpedo Dragonfish
0941	*Grammatostomias flagellibarba*
0253	Groundfish (Non-specified)
0616	*Gymnelis viridis* (Fabricus 1780) - Fish Doctor
0302	*Gymnocanthus tricuspis* (Reinhardt 1832) - Arctic Staghorn Sculpin
0427	*Gymnothorax* sp.
0606	*Gymnothorax funebris* Ranzani 1840 - Green Moray
0018	Hake Unidentified
0109	*Halargyreus johnsonii* Gunther 1862 - Dainty Moras
0844	*Halieutichthys aculeatus* (Mitchell)
0247	*Harriotta raleighana* Goode and Bean 1895 - Longnose Chimera
0123	*Helicolenus dactylopterus* (DelaRoche 1809) - Blackbelly Rosefish
0374	*Hemanthias* sp
0661	*Hemanthias vivanus* (Jordan and Swain xxxx) - Red Barbier
0371	*Hemipteronotus* sp. - Razorfishes
0678	*Hemiramphus brasiliensis* (Linnaeus 1758) - Ballyhoo
0320	*Hemitripterus americanus* (Gmelin 1789) - Sea Raven
0417	*Heterophotus* sp.
0432	*Hildebrandia* sp.
0404	*Himantolophus* sp.

0403 *Himantolophus groenlandicus* Reinhardt 1837 - Atlantic Footballfish
0779 *Hippocampus erectus* Perry 1810 - Lined Seahorse
0040 *Hippoglossoides platessoides* (Fabricius 1780) - American Plaice
0030 *Hippoglossus hippoglossus* (Linnaeus 1758) - Atlantic Halibut
0682 *Hirundichthys affinis* (Gunther 1878) - Fourwing Flyingfish
0736 *Hirundichthys rondeletti* (Valenciennes 1846) - Blackwing Flyingfish
0399 *Histrio histrio* (Linnaeus 1758) - Sargassumfish
0828 *Holanthias martinicensis* (Guichenot xxxx) - Roughtongue Bass
0380 *Holocanthus* sp.
0914 *Holtbyrnia anomala*
0477 *Hoplunnis* sp. - Pike Congers
0750 *Howella brodiei* Ogilby 1899 - Cardinalfish
0783 *Howella sherborni* (Norman 1930) - Sherborn's Cardinalfish
0242 *Hydrolagus affinis* (Brito Capello 1868) - Deepwater Chimera
0134 *Hygophum benoiti* (Cocco 1838) - Benoit's Lanternfish
0135 *Hygophum hygomi* (Lutken 1892)
0136 *Hygophum macrochir* (Gunther 1864)
0342 *Hygophum reinhardtii* (Lutken 1892)
0861 *Hygophum* sp.
0467 *Hygophum taaningi* (Becker 1965)
0743 *Hyperoglyphe perciformis* (Mitchill 1818) - American Barrelfish
0737 *Hyporhamphus* sp. - Common Halfbeak
0318 *Icelus* sp. - Sculpin
0313 *Icelus bicornis* (Reinhardt 1841) - Twohorn Sculpin
0314 *Icelus spatula* Gilbert and Burke 1912 - Spatulate Sculpin
0389 *Ichthyococcus ovatus* (Cocco 1838)
0723 *Idiacanthus fasciola* Peters 1876 - Ribbon Sawtailfish
0255 *Istiophorus platypterus* Shaw and Nodder 1791 - Sailfish
0238 *Isurus oxyrinchus* Rafinesque 1810 - Shortfin Mako
0843 *Jenkinsia lamprotaenia* (Gosse)
0482 *Kaupichthys hyoproroides* (Stromman 1896) - False Moray
0106 *Kyphosus sectatrix* (Linnaeus 1766) - Bermuda Chub/Rudderfish
0794 *Lactophrys trigonus* (Linnaeus 1758) - Trunkfish
0809 *Lactophrys triqueter* (Linnaeus 1754) - Smooth Trunkfish
0319 *Laemonema barbatula* Goode and Bean 1883
0792 *Lagocephalus lagocephalus* Linnaeus 1758 - Oceanic Puffer
0230 *Lamna nasus* (Bonnaterre 1788) - Porbeagle, Mackerel Shark
0939 *Lampadena anomala*
0461 *Lampadena atlantica* (Maul 1969)
0549 *Lampadena chavesi* (Collett 1905)
0137 *Lampadena luminosa* Taning 1928
0343 *Lampadena* sp.
0138 *Lampadena speculigera* Goode and Bean 1896 - Mirror Lanternfish
0252 *Lampanyctus* sp.
0139 *Lampanyctus alatus* Goode and Bean 1896
0284 *Lampanyctus ater* Taning 1928
0144 *Lampanyctus crocodilus* (Risso 1810) - Jewel Lanternfish
0882 *Lampanyctus cuprarius*
0145 *Lampanyctus festivus* Taning 1928
0460 *Lampanyctus intricarius* (Taning 1928)
0550 *Lampanyctus lineatus* (Taaning 1928)
0146 *Lampanyctus macdonaldi* (Goode and Bean 1896)
0551 *Lampanyctus nobilis* (Taaning 1928)
0465 *Lampanyctus photonotus* (Parr 1928)
0147 *Lampanyctus pusillus* (Johnson 1890)
0841 *Lampetra japonica* (Martens)
0842 *Lampetra lamottei* (Lesueur)
0778 *Lampris guttatus* (Bonaterre 1788) - Opah
0763 *Lasiognathus beebei* Regan and Trewavas 1932
0270 *Leiostomus xanthurus* Lacepede 1802 - Spot Croaker
0108 *Lepidion eques* (Gunther 1887)
0027 *Lepidocybium flavobrunneum* (Smith 1849) - Escolar
0469 *Lepidophanes gaussi* (Brauer 1906)
0228 *Lepidophanes guentheri* (Goode and Bean 1896)
0552 *Lepidophanes* sp.
0250 *Lepisosteus osseus* (Linnaeus 1758) - Longnose Gar
0650 *Lepophidium cervinum* (Goode and Bean 1885) - Fawn Cusk Eel
0764 *Leptacanthichthys gracilispinis* (Regan 1925)
0874 *Leptostomias gladiator*
0923 *Leptostomias longibarba*
0817 *Leptostomias* sp.
0553 *Lestidiops affinis* (Ege 1930)
0688 *Lestidiops jayakari* (Boulenger 1889)
0487 *Lestidiops* sp.

0666	Lestidium atlanticum xxxx
0483	Lestrolepis intermedia (Poey 1867)
0839	Letharchus aliculatus - Sailfin eel
0042	Limanda ferruginea (Storer 1839) - Yellowtail Flounder
0406	Linophryne algibarbata Waterman 1939
0903	Linophryne brevibarbis
0407	Linophryne coronata Parr 1927
0408	Linophryne lucifera Collett 1886
0905	Linophryne macrodon
0554	Linophryne sp.
0140	Liopsetta putnami (Gill 1864) - Smooth Flounder
0500	Liparis sp. - Unidentified Seasnail
0503	Liparis atlanticus (Jordan and Evermann 1898) - Atlantic Seasnail
0513	Liparis coheni Able 1976 - Gulf Seasnail
0512	Liparis gibbus Gilbert 1895 -Dusky Seasnail
0508	Liparis inquilinus Able 1973 - Inquiline Seasnail
0505	Liparis fabricii Parr 1932 - Gelatinous Seasnail
0504	Liparis liparis (Linnaeus 1766) - Striped Seasnail
0506	Liparis tunicatus Reinhardt 1836 - Greenland Seasnail
0615	Lipogenys gillii Goode and Bean 1896 - Backfin Tapirfish
0178	Lobianchia gemellerii (Cocco 1838)
0758	Lobianchia dofleini (Zugmayer 1911) - Doflein's Lanternfish
0400	Lophius americanus Valenciennes 1873 - Monkfish, Goosefish, Angler
0765	Lophodolus acanthognathus Regan 1925
0025	Lopholatilus chamaeleonticeps Goode and Bean 1879 - Tilefish
0555	Lophotus lacepedei (Giorna 1809)
0454	Loweina rara (Lutken 1892)
0632	Lumpenus medius (Reinhardt 1838) - Stout Eelblenny
0631	Lumpenus fabricii (Valenciennes 1836) - Slender Eelblenny
0622	Lumpenus lumpretaeformis (Walbaum 1792) - Snakeblenny
0623	Lumpenus maculatus (Fries 1837) - Daubed Shanny
0098	Lutjanus sp.
0617	Lycenchelys paxillus (Goode and Bean 1879) - Common Wolf Eel
0618	Lycenchelys sarsi (Collett 1871) - Sar's Wolf Eel
0603	Lycenchelys verrilli (Goode and Bean 1877) - Wolf Eelpout
0864	Lycodes atlanticus
0643	Lycodes esmarki Collett 1875 - Vachon's Eelpout
0845	Lycodes eudipleurostictus Jensen 1901
0620	Lycodes lavalaei Vladykov and Tremblay 1936 - Laval`s Eelpout
0627	Lycodes pallidus Collett 1879 - Pale Eelpout
0628	Lycodes polaris Bean 1878 - Polar Eelpout
0641	Lycodes reticulatus Reinhardt 1838 - Arctic Eelpout
0642	Lycodes sp.- Eelpout
0619	Lycodes terraenova Jensen 1902 - Newfoundland Eelpout
0647	Lycodes vahlii Reinhardt 1838 - Shorttailed or Vahl's Eelpout
0479	Macroparalepis affine (Ege 1933)
0937	Macroparalepis nigra
0556	Macrorhamphosus scolopax (Linneaus 1758)
0395	Macrostomias longibarbatus (Brauer 1902)
0411	Macrourus berglax Lacepede 1802 - Roughhead Grenadier
0640	Macrozoarces americanus (Bloch and Schneider 1801) - Common Ocean Pout
0032	Makaira albida (Poey 1860) - White Marlin
0835	Makaira indica (Cuvier xxxx) - Black Marlin
0033	Makaira nigricans Lacepede 1803 - Blue Marlin
0409	Malacocephalus occidentalis Goode and Bean 1885 - American Straptail Grenadier
0177	Malacosteus niger Ayres 1848 - Loosejaw
0064	Mallotus villosus (Muller 1777) - Capelin
0225	Manta birostris (Walbaum 1792) - Atlantic Manta
0390	Margrethia obtusirostra (Jespersen and Taning 1919)
0158	Maurolicus muelleri (Gmelin 1788) - Muller's Pearlsides
0167	Megalops atlanticus Valenciennes 1847 - Tarpon
0686	Melamphaes sp.
0917	Melamphaes leprus
0798	Melamphaes microps (Gunther 1878)
0368	Melamphaes pumilus (Ebeling 1962)
0557	Melamphaes suborbitalis (Gill 1884)
0493	Melamphaes typhlops (Lowe 1843)
0760	Melanocetus johnsoni Gunther 1864
0955	Melanocetus murrayi
0373	Melanocetus sp.
0011	Melanogrammus aeglefinus (Linnaeus 1758) - Haddock
0357	Melanonus zugmayeri (Norman 1930)
0646	Melanostigma atlanticum Koefoed 1952 - Atlantic Softpout
0925	Melanostomias bartonbeani

0872	Melanostomias melanopogon (Regan and Trewavas 1930)
0956	Melanostomias melanops
0859	Melanostomias sp.
0718	Melanostomias spilorhynchus Regan and Trewavas 1930 - Bluenose Dragonfish
0943	Melanostomias valdiviae
0770	Menidia menidia (Linnaeus 1766) - Atlantic Silverside
0007	Menticirrhus saxatilis (Bloch and Schneider 1801) - Northern Kingfish
0726	Mentodus rostratus (Gunther 1878)
0035	Merluccius sp.- Hake
0019	Merluccius albidus (Mitchill 1818) - Offshore Hake
0014	Merluccius bilinearis (Mitchill 1814) - Silver Hake
0017	Microgadus tomcod (Walbaum 1792) - Atlantic Tomcod
0766	Microlophichthys microlophus (Regan 1925)
0117	Micromesistius poutassou (Risso 1826) - Blue Whiting
0258	Micropogonias undulatus (Linnaeus 1766) - Atlantic Croaker
0421	Microstoma microstoma (Risso 1810)
0730	Mola mola (Linnaeus 1758) - Ocean Sunfish
0056	Molva dypterygia (Walbaum 1792) - Blue Ling
0055	Molva molva (Linnaeus 1758) - European Ling
0005	Monacanthus ciliatus (Mitchill 1818) - Fringed Filefish
0324	Monolene antillarum Norman 1933 - Slim Flounder
0385	Monolene sessilicauda Goode 1880 - Deepwater Flounder
0382	Monolene sp.
0870	Monomitopus agassizi (Goode & Bean 1896)
0471	Moringua edwardsi (Jordan and Bollman 1889) - Spaghetti Eel
0120	Morone americana (Gmelin 1788) - White Perch
0024	Morone saxatilis (Walbaum 1792) - Striped Bass
0048	Mugil cephalus Linnaeus 1758 - Striped Mullet
0047	Mugil curema Cuvier and Valenciennes 1836 - White Mullet
0105	Mullus auratus Jordan and Gilbert 1882 - Red Goatfish
0222	Mustelus canis (Mitchill 1815) - Smooth Dogfish
0664	Mycteroperca sp.
0370	Myctophum sp.
0179	Myctophum affine (Lutken 1892) - Metallic Lanternfish
0327	Myctophum asperum Richardson 1845
0474	Myctophum nitidulum (Garman 1899)
0881	Myctophum obtusirostre
0180	Myctophum punctatum Rafinesque 1810 - Spotted Lanternfish
0559	Myctophum selenops (Taaning 1928)
0310	Myoxocephalus sp. - Unidentified Sea Sculpin
0303	Myoxocephalus aeneus (Mitchill 1815) - Little Grubby
0300	Myoxocephalus octodecemspinosus (Mitchill 1815) - Longhorn Sculpin
0315	Myoxocephalus quadricornis (Linnaeus 1758) - Fourhorn Sculpin
0301	Myoxocephalus scorpius (Linnaeus 1758) - Shorthorn Sculpin
0316	Myoxocephalus scorpioides (Fabricus 1780) - Arctic Sculpin
0448	Myrophis platyrhynchus (Breder xxxx)
0449	Myrophis punctatus (Lutken 1851) - Speckled Worm Eel
0241	Myxine glutinosa Linnaeus 1758 - Northern Hagfish
0162	Nansenia groenlandica (Reinhardt 1839) - Large-eyed Argentine
0561	Nansenia oblita (Facciola 1887)
0285	Naucrates sp.
0088	Naucrates ductor (Linnaeus 1758) - Pilotfish
0028	Nealotus tripes Johnson 1865 - Blacksnake Mackerel
0562	Nemichthys curvirostris (Stromman 1896)
0464	Nemichthys sp.
0604	Nemichthys scolopaceus Richardson 1848 - Slender Snipe Eel
0472	Neoconger mucronatus Girard 1859 - Ridged or Slender Pike Eel
0567	Neoconger sp.
0563	Neoepinnula orientalis (Gilchrist & VonBonde 1924)
0884	Neonesthes capensis
0877	Nesiarchus nasutus
0607	Nessorhamphus ingolfianus (Schmidt 1930) - Duckbill Oceanic Eel
0476	Nettastoma sp. - Duckbill Eels
0410	Nezumia bairdi (Goode and Bean 1877) - Marlin Spike Grenadier
0788	Nomeus gronovii (Gmelin 1788) - Man-of-War Fish
0915	Normichthys operosus
0740	Notacanthus chemnitzi Bloch 1788 - Spiny Eel
0856	Notemigonus crysoleucas (Mitchell)
0712	Notolepis rissoi kroyeri (Lutken 1892) - White Barracudina
0727	Notolepis rissoi (Bonaparte 1841) - White Barracudina
0181	Notolychnus valdiviae (Brauer 1904)
0227	Notoscopelus sp.
0287	Notoscopelus bolini Nafpaktitis 1975
0478	Notoscopelus caudispinosus (Johnson 1863)

0182	*Notoscopelus elongatus kroyeri* (Malm 1863) - Kroyer's Lanternfish
0183	*Notoscopelus resplendens* (Richardson 1845) - Patchwork Lanternfish
0433	*Nystactichthys* sp.
0215	*Odontaspis taurus* Rafinesque 1841 - Sand Shark
0719	*Odontostomias* sp.
0729	*Omosudis lowei* Gunther 1887
0068	*Oncorhynchus gorbuscha* (Walbaum 1792) - Pink Salmon
0768	*Oneirodes* sp.
0767	*Oneirodes eschrichtii* Lutken 1871
0609	*Ophichthus cruentifer* (Goode and Bean 1896) - Margined Snake Eel
0451	*Ophichthus gomesi* (Castelnau 1855) - Shrimp Eel
0452	*Ophichthus ocellatus* (LeSueur 1825) - Pale Spotted Eel
0499	*Ophichthus puncticeps*
0450	*Ophichthus* sp.
0654	*Ophidion selenops* Robins and Bohlke 1959 - Mooneye Cusk Eel
0564	*Opisthoproctus soleatus* (Vaillant 1888)
0260	*Opisthonema oglinum* (LeSueur 1817) - Atlantic Thread Herring
0510	*Opsanus tau* (Linnaeus 1766) - Toadfish
0266	*Orthopristis chrysoptera* (Linnaeus 1766) - Pigfish
0063	*Osmerus mordax* (Mitchill 1815) - Rainbow Smelt
0950	*Otophidium omostigmum* (Jordan & Gilbert)
0858	*Pachystomias microdon*
0268	*Pagrus pagrus* Linne 1758 - Red Porgy
0586	*Parablennius marmoreus*
0829	*Paraconger caudilimbatus* (Poey XXXX) Margintail conger
0434	*Paraconger* sp.
0711	*Paralepis atlantica* Kroyer 1868 - Short Barracudina
0728	*Paralepis atlantica atlantica* Kroyer 1891 - Short Barracudina
0907	*Paralepis brevirostris*
0674	*Paralepis coregonoides* Risso 1820
0484	*Paralepis elongata* (Brauer 1906)
0565	*Paralepis* sp.
0141	*Paralichthys dentatus* (Linnaeus 1766) - Summer Flounder
0142	*Paralichthys oblongus* (Mitchill 1815) - Fourspot Flounder
0868	*Paraliparis calidus* (Cohen 1968)
0511	*Paraliparis copei* Goode and Bean 1896 - Blacksnout Seasnail
0869	*Paraliparis garmani* (Burke 1912)
0149	*Parasudis truculenta* (Goode and Bean 1895) - Longnose Greeneye
0486	*Paraxenomystax* sp.
0256	Pelagic Fish (Non-specified)
0701	*Peprilus triacanthus* (Peck 1804) - Butterfish
0331	*Peristedion miniatum* Goode 1880 - Armored Searobin
0580	*Peristedion* sp.
0240	*Petromyzon marinus* Linnaeus 1758 - Sea Lamprey
0633	*Pholis fasciata* (Bloch and Schneider 1801) - Banded Gunnel
0621	*Pholis gunnellus* (Linnaeus 1758) - Rock Gunnel
0957	*Photonectes braueri*
0419	*Photonectes margarita* (Goode and Bean 1896)
0566	*Photonectes* sp.
0396	*Photostomias guernei* (Collett 1889)
0934	*Photostomias* sp.
0895	*Photostylus pycnopterus*
0757	*Physiculus fulvus* Bean 1884 - Little Morid
0568	*Poecilopsetta* sp.
0104	*Pogonias cromis* (Linnaeus 1766) - Black Drum
0016	*Pollachius virens* (Linnaeus 1758) - Pollock
0752	*Pollichthys mauli* Grey 1959 - Maul's Anglemouth
0739	*Polyacanthonotus rissoanus* (deFilippi and Verany 1859) - Shortspine Tapirfish
0708	*Polyipnus asteroides* Schultz 1938
0376	*Polyipnus* sp.
0942	*Polymetme corythaeola*
0771	*Polymixia lowei* Gunther 1859 - Beardfish
0744	*Polymixia nobilis* Lowe 1838 - Stout Beardfish
0699	*Polyprion americanus* (Bloch and Schneider 1801) - Atlantic Wreckfish
0081	*Pomatomus saltatrix* (Linnaeus 1758) - Bluefish
0751	*Pontinus rathbuni* Goode and Bean 1896 - Highfin Scorpionfish
0672	*Pontinus* sp.
0799	*Poromitra capito* Goode and Bean 1882
0800	*Poromitra crassiceps* (Gunther 1878)
0797	*Poromitra megalops* (Lutken 1877)
0569	*Poromitra* sp.
0353	*Priacanthus arenatus* Cuvier 1829 - Bigeye
0079	*Priacanthus cruentatus* (Lacepede 1800) - Glasseye snapper
0231	*Prionace glauca* (Linnaeus 1758) - Blue Shark

0330	*Prionotus carolinus* (Linnaeus 1771) - Northern Searobin
0332	*Prionotus evolans* (Linnaeus 1766) - Striped Searobin
0497	*Pristipomoides aquilonaris* (Goode and Bean 1896)
0133	*Protomyctophum arcticum* - OBSOLETE (See 0226)
0226	*Protomyctophum arcticum* (Lutken 1892)
0789	*Psenes maculatus* Lutken 1880 - Silver Driftfish
0822	*Psenes pellucidus* Lutken xxxx - Bluefin Driftfish
0435	*Pseudophichthus splendens* (Lea xxxx)
0043	*Pseudopleuronectes americanus* (Walbaum 1792) - Winter Flounder
0038	*Pseudoscopelus* sp.- Swallowers
0495	*Pterycombus brama* (Fries 1837)
0362	*Pungitius pungitius* (Linnaeus 1758) - Ninespine Stickleback
0803	*Rachycentron canadum* (Linnaeus 1766) - Cobia
0212	*Raja bathyphila* Holt and Byrne 1908 - Abyssal Skate
0589	*Raja bigelow* (Stehmann 1978)
0206	*Raja eglanteria* Bosc 1802 - Brier Skate
0203	*Raja erinacea* Mitchill 1825 - Little Skate
0207	*Raja fyllae* Lutken 1887 - Round Skate
0967	*Raja garmani*
0210	*Raja hyperborea* Collett 1878 - Arctic Skate
0209	*Raja jenseni* Bigelow and Schroeder 1950 - Jensen's Skate
0200	*Raja laevis* Mitchill 1817 - Barndoor Skate
0969	*Raja lentiginosa*
0217	*Raja lintea* Fries 1838 - White Skate
0208	*Raja mollis* Bigelow and Schroeder 1950 - Soft Skate
0204	*Raja ocellata* Mitchill 1815 - Winter Skate
0201	*Raja radiata* Donovan 1807 - Thorny Skate
0202	*Raja senta* Garman 1885 - Smooth Skate
0205	*Raja spinicauda* Jensen 1914 - Spiny-tail Skate
0355	*Regalecus glesne* (Ascanius 1772)
0031	*Reinhardtius hippoglossoides* (Walbaum 1792) - Greenland Halibut
0083	*Remora brachyptera* (Lowe 1839) - Spearfish Remora
0084	*Remora remora* (Linnaeus 1758) - Remora
0885	*Rhadinesthes decimus*
0436	*Rhechias* sp.
0248	*Rhinochimaera atlantica* Holte and Byrne 1909 - Knifenose Chimera
0235	*Rhizoprionodon terraenovae* (Richardson 1836) - Atlantic Sharpnose Shark
0356	*Rondeletia loricata* (Abe and Hotta 1963)
0963	*Rouleina maderensis*
0029	*Ruvettus pretiosus* Cocco 1829 - Oilfish
0873	*Rypticus* sp.
0273	*Salmo* sp.- Trout non-specified
0069	*Salmo gairdneri* Richardson 1836 - Rainbow Trout
0065	*Salmo salar* Linnaeus 1758 - Atlantic Salmon
0075	*Salmo trutta* Linnaeus 1758 - Brown Trout
0076	*Salvelinus alpinus* (Linnaeus 1758) - Arctic Char
0077	*Salvelinus fontinalis* (Mitchill 1815) - Brook Trout
0188	*Sarda sarda* (Bloch 1793) - Atlantic Bonito
0823	*Sargocentron bullisi*
0833	*Saurida brasiliensis* (Norman)
0832	*Saurida carribbea* (Breder)
0807	*Saurida normani* Longley 1935 - Shortjaw Lizardfish
0786	*Schedophilus medusophagus* Cocco 1839 - Cornish Blackfish/Brown Ruff
0267	*Sciaenops ocellatus* (Linnaeus 1766) - Red Drum
0720	*Scomberesox saurus* (Walbaum 1792) - Atlantic Saury
0189	*Scomberomorus cavalla* (Cuvier and Valenciennes 1831) - King Mackerel
0171	*Scomberomorus maculatus* (Mitchill 1815) - Spanish Mackerel
0170	*Scomber japonicus* Houttuyn 1782 - Chub Mackerel
0070	*Scomber scombrus* Linnaeus 1758 - Atlantic Mackerel
0926	*Scombrolabrax heterolepis*
0681	*Scopelarchus analis* (Brauer 1902)
0570	*Scopelarchus michaelsarsi*(Koefoed 1955)
0919	*Scopeloberyx nigrescens*
0796	*Scopeloberyx opisthopterus* (Parr 1933)
0494	*Scopeloberyx robustus (Gunther 1887)*
0795	*Scopelogadus beanii* (Gunther 1887) - Bean's Bluejack
0871	*Scopelogadus mizolepis* (Gunther 1878)
0571	*Scopelogadus* sp.
0489	*Scopelosaurus argenteus* (Maul 1954)
0588	*Scopelosaurus lepidus* (Krefft & Maul 1955)
0850	*Scopelosaurus mauli* Bertelsen, Krefft and Marshall 1976
0492	*Scopelosaurus smithii* (Bean 1925)
0572	*Scopelosaurus* sp.
0143	*Scophthalmus aquosus* (Mitchill 1815) - Windowpane

0278	Scorpaena sp. - Rockfishes (NS)
0026	Scorpaena calcarata Goode and Bean 1882 - Smoothhead Scorpionfish
0961	Searsiid sp.
0889	Searsia koefoedi
0283	Sebastes fasciatus Storer 1856 - Labrador Redfish
0020	Sebastes marinus (Linnaeus 1758) - Redfish/Ocean Pout
0021	Sebastes mentella Travin 1951 - Deepwater Redfish
0023	Sebastes sp. - Unseparated Redfish
0089	Selar crumenophthalmus (Bloch 1793) - Bigeye Scad
0091	Selene vomer (Linnaeus 1758) - Atlantic Lookdown
0257	Seriola sp. - Amberjacks
0092	Seriola dumerili (Risso 1810) - Greater Amberjack
0074	Seriola zonata (Mitchill 1815) - Banded Rudderfish
0516	Serranus sp.
0656	Serrivomer sp.
0613	Serrivomer beani Gill and Ryder 1883 - Stout Sawpalate
0638	Serrivomer brevidentatus Roule and Bertin 1929
0601	Simenchelys parasiticus Gill 1879 - Snubnose Eel
0237	Somniosus microcephalus (Bloch and Schneider 1801) - Greenland Shark
0746	Sphoeroides maculatus (Bloch and Schneider 1801) - Northern Puffer
0827	Sphoeroides sp.
0046	Sphyraena borealis DeKay 1842 - Northern Sennet
0236	Sphyrna zygaena (Linnaeus 1758) - Smooth Hammerhead
0573	Squaliolus laticaudus (Smith and Radcliffe 1912)
0220	Squalus acanthias Linnaeus 1758 - Spiny Dogfish
0876	Stemonosudis intermedia
0102	Stenotomus chrysops (Linnaeus 1766) - Scup
0006	Stephanolepis hispidus (Linnaeus 1766) - Planehead Filefish
0709	Sternoptyx diaphana Hermann 1781 - Transparent Hatchetfish
0894	Sternoptyx pseudobscura
0624	Stichaeus punctatus (Fabricius 1780) - Arctic Shanny
0756	Stomias sp.- Dragonfish Unidentified
0825	Stomias affinis
0159	Stomias boa ferox Reinhardt 1842 - Boa Dragonfish
0574	Stomias brevibarbatus (Ege 1918)
0259	Strongylura marina (Walbaum 1792) - Atlantic Needlefish
0575	Stylephorus chordatus (Shaw 1791)
0691	Sudis hyalina Rafinesque 1810
0297	Svetovidovia sp.
0198	Syacium sp. - Channel Flounder
0282	Syacium micrurum Ranzani 1840 - Channel Flounder
0279	Symbolophorus sp.
0184	Symbolophorus veranyi (Moreau 1888) - Largescale Lanternfish
0805	Symphurus sp. - Tonguefish
0693	Symphurus minor Ginsburg 1951 - Largescale Tonguefish
0816	Symphurus pterospilotus Ginsburg 1951 - Tonguefish
0381	Symphysanodon sp.
0576	Synagrops bella (Goode and Bean 1896)
0897	Synagrops sp.
0673	Synagrops spinosa Schultz 1940
0602	Synaphobranchus kaupi Johnston 1862 - Gray's Cutthroat Eel
0759	Syngnathus sp.- Pipefish Unidentified
0675	Syngnathus dunckeri Metzelaar 1919 - Pugnose Pipefish
0702	Syngnathus fuscus Storer 1839 - Northern Pipefish
0703	Syngnathus pelagicus Linnaeus 1766 - Pelagic Pipefish
0676	Syngnathus springeri Herald 1942 - Bull Pipefish
0812	Synodus sp.
0808	Synodus synodus (Linnaeus 1758) - Red Lizardfish
0185	Taaningichthys bathyphilus (Taning 1928)
0186	Taaningichthys minimus (Taning 1928)
0898	Taractes asper
0958	Taractes sp.
0096	Taractichthys longipinnis (Lowe 1843) - Bigscale Pomfret
0053	Tautoga onitis (Linnaeus 1758) - Tautog
0122	Tautogolabrus adspersus (Walbaum 1792) - Cunner
0790	Tetragonurus atlanticus Lowe 1843 - Bigeye Squaretail
0791	Tetragonurus cuvieri Risso 1810 - Smalleye Squaretail
0840	Tetrapturus pfluegeri Robins and deSylva - Longbill Spearfish
0372	Thalassoma bifasciatum Bloch xxxx - Bluehead
0321	Thunnus sp.
0190	Thunnus alalunga (Bonnaterre 1788) - Albacore
0191	Thunnus albacares (Bonnaterre 1788) - Yellowfin Tuna
0846	Thunnus atlanticus
0192	Thunnus obesus (Lowe 1839) - Bigeye Tuna

0071	*Thunnus thynnus* (Linnaeus 1758) - Bluefin Tuna
0491	*Tiluropsis* sp.
0216	*Torpedo nobiliana* Bonaparte 1835 - Atlantic Torpedo
0801	*Trachinocephalus myops* (Forster 1801) - Snakefish
0261	*Trachinotus carolinus* (Linnaeus 1766) - Florida or Common Pompano
0944	*Trachinotus falcatus* (Linnaeus)
0911	*Trachipterus trachipterus*
0269	*Trachurus lathami* Nichols 1920 - Rough Shad
0093	*Trachurus trachurus* (Linne 1758) - Horse Mackerel
0412	*Trachyrhynchus murrayi* Gunther 1887 - Roughnose Grenadier
0358	*Trachyscorpia cristulata* (Goode and Bean 1896) - Atlantic Thornyhead
0277	*Trichopsetta* sp.
0333	*Trichopsetta orbisulcus* Anderson and Gutherz 1967
0309	*Triglops* sp. - Unidentified Sculpin
0304	*Triglops murrayi* Gunther 1888 - Mailed Sculpin
0305	*Triglops nybelini* Jensen 1944 - Nybelin's Sculpin
0317	*Triglops pingeli* Reinhardt 1832 - Ribbed Sculpin
0721	*Trigonolampa miriceps* Regan and Trewavas 1930 - Threelight Dragonfish
0959	*Ultimostomias mirabilis*
0625	*Ulvaria subbifurcata* (Storer 1839) - Radiated Shanny
0906	*Uncisudis longirostris*
0090	Unidentified Fish (Larvae, Juvenile, and Adults)
0437	*Uroconger* sp.
0438	*Uroconger syringinus* Ginsburg 1954 - Threadtail Conger
0193	*Urophycis* sp.- Hake
0112	*Phycis chesteri* Goode and Bean 1878 - Longfin Hake
0013	*Urophycis chuss* (Walbaum 1792) - Red Hake
0111	*Urophycis regius* (Walbaum 1792) - Spotted Hake
0012	*Urophycis tenuis* (Mitchill 1815) - White Hake
0679	*Valenciennellus tripunctulatus* (Esmarck 1871)
0348	*Vinciguerria* sp.
0671	*Vinciguerria attenuata* (Cocco 1878)
0684	*Vinciguerria nimbaria* (Jordan and Williams 1895)
0667	*Vinciguerria poweriae* (Cocco 1838)
0094	*Vomer setapinnis* (Mitchill 1815) - Atlantic Moonfish
0725	*Xenodermichthys copei* Vaillant 1888 - Atlantic Gymnast
0777	*Xenolepidichthys americanus* Nichols and Firth 1939 - Grammicolepid
0866	*Xenolepidichthys dalgleishi* (Gilchrist)
0072	*Xiphias gladius* Linnaeus 1758 - Swordfish
0577	*Zenion hololepis* (Goode and Bean 1896)
0704	*Zenopsis ocellata* (Storer 1858)- American John Dory
0886	*Zu cristatus*

Appendix D

Alphabetical Listing of Invertebrates by Scientific Name

4551	*Abralia redfieldi* Voss 1955
4550	*Abralia* sp.
4552	*Abralia veranyi* (Ruppell 1844)
4554	*Abraliopsis pfefferi* Joubin 1896
4553	*Abraliopsis* sp.
2923	*Acartia longiremis* (Lilljeborg 1853)
8319	*Actinauge verrillii* McMurrich 1893
2981	*Aega psora* (Linnaeus 1761)
2873	*Aeginina longicornis* (Kroyer 1842)
4420	*Aeolidia* sp. - Plumed Sea Slug
4336	*Aequipecten glyptus* (Verrill 1882)
2942	*Aetideus armatus* (Boeck 1872)
8411	*Aglantha digitale* (Muller 1776) - Splendid Hydromedusa
3181	*Aglaophamus circinata* (Verrill 1874)
1725	*Allogromia* sp.
	Alloposus mollis Verrill 1880
4260	*Amauropsis islandica*
4711	*Amicula vestita* (Broderip and Sowerby 1829) - Concealed Arctic Chiton
2857	*Ampelisca agassizi* (Judd 1896) - Four Eyed Amphipod
2864	*Ampelisca macrocephala*
2858	*Ampelisca* sp.
3177	*Ampharete finmarchica*
3176	*Ampharete* sp.
1828	*Amphioxus* sp. - Sand Blister #16
4201	*Amphissa haliaeeti* (Jeffreys 1867) - Atlantic Amphissa
3192	*Amphitrite affinis*
3193	*Amphitrite cirrata*
3148	*Amphitrite* sp. - Terebellid Worm
	Ancistrocheirus sp.
7116	*Anisakis* sp.
3155	*Anobothrus gracilis* (Malmgren 1866)
4380	*Anomia simplex*
4381	*Anomia* sp.
2868	*Anonyx lilljeborgi*
2844	*Anonyx sarsi*
2833	*Anonyx* sp.
2896	*Anurida maritima* (Guerin xxxx)
3212	*Aphrodita* sp.
3211	*Aphrodita aculeata* Linnaeus 1761 - OBSOLETE
3200	*Aphrodita hastata* Moore 1905 - Sea Mouse
4230	*Aporrhais* sp. - Duck or Pelican Foot
6420	*Arabacia* sp.
6421	*Arabacia punctulata* (Lamarck 1816) - Purple Sea Urchin
3116	*Arabella iricolor* Montagu 1804 - Opal Worm
3188	*Arabella* sp
	Architeuthis dux Steenstrup 1857
4304	*Arctica islandica* (Linnaeus 1758) - Ocean Quahog
3161	*Arenicola marina* (Linnaeus 1758) - Lugworm
2410	*Argis* sp.
2411	*Argis dentata* Rathbun 1904)
4531	*Argonauta argo* Linnaeus 1758 - Paper Nautilus
4325	*Argopecten gibbus* (Linne 1758) - Calico Scallop
4324	*Argopecten irradians* (Lamarck 1819) - Bay Scallop
3162	*Aricidea* sp.
2803	*Arrhis phyllonyx*
1821	*Ascidea* sp. - Sea Squirt
1820	*Ascidea* sp. Adult
1825	*Ascidia* sp. Larvae
4316	*Astarte* sp.
4338	*Astarte castanea* (Say 182)
4307	*Astarte undata* Gould 1841 - Waved Astarte
6110	*Asterias* sp.
6111	*Asterias vulgaris* Verrill 1866 - Purple Starfish
6135	*Astropecten duplicatus* Gray xxxx
2541	*Axius serratus* Stimpson 1852
4337	*Bathyarca pectunculoides*
4339	*Bathyarca* sp.

6006	Bathynectes superba
4524	Bathypolypus arcticus (Prosch 1849) - Offshore Octopus
	Bathyteuthis abyssicola Hoyle 1885
	Benthoctopus piscatorum (Verrill 1879)
8111	Beroe cucumis Fabricius 1780
8317	Bolocera sp.
1823	Boltenia sp. - Sea Potato
2988	Bopyroides hippolytes (Kroyer 1838)
2735	Boreomysis tridens G. O. Sars 1870
	Brachioteuthis beani Verrill 1885
	Brachioteuthis riisei (Steenstrup 1882)
4583	Brachioteuthis sp.
3172	Brada sp. - Flabelligerid Worms
3186	Brada villosa
6413	Brisaster fragilis (Duben and Koren 1844) - Heart Urchin
4210	Buccinum sp. Whelks
4212	Buccinum scalariforme Moller 1842 - Silky Buccinum
4211	Buccinum undatum Linnaeus 1761 - Northern Buccinum
2863	Byblis serrata
2910	Calanus sp.
2911	Calanus finmarchicus (Gunnerus 1765)
2912	Calanus hyperboreus Kroyer 1838
2529	Calappa megalops
2999	Calathura branchiata Stimpson xxxx
2943	Caligus sp.
2512	Callinectes sapidus Rathbun 1896 - Blue Crab
4259	Calliostoma occidentale
2899	Calocalanus sp.
2567	Calocaris macandreae Bell 1853
2977	Campylaspis sp.
2524	Cancer sp.
2511	Cancer borealis Stimpson 1859 - Jonah Crab
2513	Cancer irroratus Say 1817 - Atlantic Rock Crab
2913	Candacia sp.
2915	Candacia armata (Boeck 1872)
2871	Caprella linearis (Linnaeus 1767)
2872	Caprella septentrionalis Kroyer 1838
2874	Caprella sp.
2531	Carcinus maenas (Linnaeus 1758) - Green Crab
4341	Cardium sp. - Dinocardium, Cerastoderma, Clinocardium sp.
2318	Caridion gordoni (Bate 1858)
2813	Casco bigelowi (Shoemaker 1930)
6717	Caudina arenata Gould 1841
2914	Centropages sp.
2916	Centropages bradyi Wheeler 1900
2935	Centropages typicus Kroyer 1902
4345	Cerastoderma pinnulatum (Conrad 1831) - Northern Dwarf Cockle
8320	Cerianthus borealis Verrill 1873
2821	Ceradocus torelli (Goes 1866)
4720	Chaetoderma sp.
2522	Chionoecetes sp. - Spider/Queen, Snow Crab - OBSOLETE
2526	Chionoecetes opilio (Fabricius 1780) - Snow/Queen Crab
6719	Chiridota laevis (Fabricius 1780)
2997	Chiridotea sp.
2984	Chiridotea tuftsi (Stimpson 1853)
	Chiroteuthis lacertosa Verrill 1881
4567	Chiroteuthis sp.
4322	Chlamys islandicus (Muller 1776) - Iceland Scallop
3168	Chone duneri
2998	Cirolana polita (Stimpson 1853)
2968	Cirolana sp.
	Cirrothauma mulleri Eschricht 1838
	Cirrothauma murrayi Chun 1911
	Clausocalanus sp.
2931	Clavella sp.
4342	Clinocardium ciliatum (Fabricius 1780) - Iceland Cockle
4611	Clione limacina (Phipps 1774) - Comman Clione
4228	Colus sp.- Spindle Shell
7113	Contracaecum sp.
	Cranchia scabra Leach 1817
4587	Cranchia sp.
2416	Crangon sp.
2417	Crangon septemspinosa Say 1818 - Sand Shrimp
4326	Crassostrea virginica (Gmelin 1791) - American Cupped Oyster

5201	*Crucibulum striatum* Say 1824 - Cup and Saucer Limpet
6115	*Ctenodiscus crispatus* (Retzius 1805) - Mud Star
	Ctenopteryx sicula (Verany 1851)
4582	*Ctenopteryx* sp.
6611	*Cucumaria frondosa* (Gunnerus 1770) - Large Northern Cucumber
4306	*Cuspidaria glacialis* (G. O. Sars 1878) - Glacier Dipper Shell
8511	*Cyanea capillata* (Linnaeus 1758) - Pink Jellyfish or Lion`s Mane
4257	*Cylichna alba* (Brown 1827) - Brown's Barrel Bubble
4327	*Cyrtodaria* sp.
4312	*Cyrtodaria siliqua* (Spengler 1793) - Northern Propeller/Bank Clam
1822	*Dendrodoa* sp. - Gooseberry Sea Squirts
4410	*Dendronotus* sp.- Bushy Backed Sea Slug
2971	*Diastylis* sp.
2973	*Diastylis polita* (S. I. Smith 1879)
2978	*Diastylis quadrispinosa*
2972	*Diastylis rathkei* (Kroyer 1841)
2215	*Dichelopandalus* sp.
2214	*Dichelopandalus leptoceras* (Smith 1881)
3174	*Diplocirrus hirsutus* (Hansen 1879) - Flabelligerid Worm
6131	*Diplopteraster multipes* (Sars 1865)
3108	*Drilonereis magna* Webster and Benedict 1887 - Arabellid Thread Worm
6716	*Duasmodactyla commune* (Forbes xxxx)
2818	*Dulichia monacantha*
2827	*Dulichia* sp.
2817	*Dulichia spinosissima*
8324	*Duva multiflora* Verrill xxxx - Sea Cauliflower
2898	*Dyopedos porrectus*
6511	*Echinarachnius parma* (Lamarck 1816) - Sand Dollar
6801	*Echinocardium cordatum* (Pennant xxxx)
3311	*Echiurus echiurus* (Pallas 1766)
3222	*Euchone* sp.
2989	*Edotea triloba* (Say 1818) - Brown Isopod
	Egea inermis Joubin 1833
4596	*Egea* sp.
	Eledonella pygmaea Verrill 1884
4548	*Enoploteuthis anapsis* Roper 1964
4549	*Enoploteuthis leptura* (Leach 1817)
4547	*Enoploteuthis* sp.
4301	*Ensis directus* Conrad 1843 - Atlantic Jackknife Clam
4240	*Epitonium* sp.
8321	*Epizoanthus incrustatus* (Duben and Koren 1847)
2536	*Erichthonius rubricornis*
2731	*Erythrops erythropthalma* (Goes 1863)
3087	*Eteone flava*
3086	*Eteone longa*
3112	*Eteone* sp. - Paddle Worms
3113	*Eteone trilineata* Webster and Benedict 1887 - Paddle Worm
2330	*Eualus* sp.
2332	*Eualus fabricii* Kroyer 1841
2333	*Eualus gaimardii* (H. Milne Edwards 1837)
2331	*Eualus macilentus* (Kroyer 1842) - Greenland Shrimp
2317	*Eualus pusiolus* (Kroyer 1841)
2921	*Euchaeta norvegica* Boeck 1902
2922	*Euchirella* sp.
2962	*Eudorella biplicata*
2976	*Eudorella emarginata* (Kroyer 1846)
2963	*Eudorella integra*
2979	*Eudorella pusilla*
2965	*Eudorella* sp.
2966	*Eudorella truncatula* (Bate 1856)
3109	*Eunice pennata* (Muller 1776)
2613	*Euphausia krohni* (Brandt 1851)
2612	*Euphausia* sp.
2352	*Evadne* sp.
3187	*Exogone* sp.
3128	*Exogone verugera" (Claparede 1868)*
	Galiteuthis armata Joubin 1889
4593	*Galiteuthis* sp.
2859	*Gammaropsis maculatus*
2820	*Gammarus* sp.
3502	*Gattyana* sp.
2532	*Geryon quinquedens* Smith 1879 - Deep Sea Red Crab
3550	*Glycera* sp. - Blood Worms
3551	*Glycera capitata* Oersted 1843 - Blood Worm

2993	*Gnathia cerina* Stimpson xxxx
3701	*Golfingia* sp.
	Gonatus fabricii (Lichtenstein 1818)
4569	*Gonatus* sp.
	Gonatus steenstrupii Kristensen 1981
3121	*Goniada* sp. - Chevron Worms
3120	*Goniada maculata* Oersted 1843
3127	*Goniada norvegica*
6310	*Gorgonocephalus* sp.
	Graneledone verrucosa (Verrill 1881)
8618	*Haliclona* sp.
8621	*Haliclona oculata* (Linnaeus 1759) - Eyed Finger Sponge
2876	*Haliragoides inermis*
2875	*Halirages fulvocinctus* (Sars 1854)
1827	*Halocynthia pyriformis* (Rathke 1806) - Sea Peach
2856	*Haploops laevis* xxxx
2816	*Haploops* sp.
3505	*Harmothoe extenuata*
3504	*Harmothoe imbricata*
3503	*Harmothoe* sp.
2862	*Harpinia crenulata* Boeck xxxx
2849	*Harpinia propinqua* Sars 1895
2852	*Harpinia* sp.
6711	*Havelockia scabra* Verrill 1873 - Hairy Cucumber
4594	*Helicocranchia* sp.
6119	*Henricia sanguinolenta* (Muller 1776) - Blood Star
4538	*Heteroteuthis dispar* (Ruppell 1845)
4319	*Hiatella arctica* (Linnaeus 1767) - Soft-Shell/Long Neck Clam
6117	*Hippasteria phrygiana* (Parelius 1770) - Red Gold-Bordered Sea Star
2309	*Hippolyte zostericola* (Smith 1873) - Eel Grass Shrimp
2838	*Hippomedon* sp.
2835	*Hippomedon denterulatus* (Bate xxxx)
2836	*Hippomedon propinquus* G. O. Sars 1890
2829	*Hippomedon serratus* Holmes 1903
4575	*Histioteuthis bonnellii* (Ferussac 1835)
4576	*Histioteuthis celetaria celetaria* (Voss 1960)
4577	*Histioteuthis corona corona* (Voss and Voss 1962)
4578	*Histioteuthis dofleini* (Pfeffer 1912)
4579	*Histioteuthis elongata* (Voss and Voss 1962)
4580	*Histioteuthis reversa* (Verrill 1880)
2550	*Homarus americanus* H. Milne Edwards 1837 - Lobster
2551	*Homarus americanus* Larvae
8316	*Hormathia* sp.
8622	*Hormathia tuberculosa* xxxx
	Hyaloteuthis pelagica (Bosc 1802)
2520	*Hyas* sp. - Toad Crabs (NS)
2527	*Hyas araneus* (Linnaeus 1758) - Toad Crab
2521	*Hyas coarctatus* Leach 1815 - Toad Crab
2810	*Hyperia* sp.
2903	*Hyperia galba* (Montagu 1813) - Big Eyed Amphipod
2801	*Hyperia medusarum*
2802	*Hyperia oculata*
2996	*Idotea* sp.
2982	*Idotea baltica* (Pallas 1772)
2983	*Idotea phosphorea* Harger 1873
4511	*Illex illecebrosus* (LeSueur 1821) - Short-finned Squid
4515	*Illex* sp.
4232	*Ilyanassa obsoleta* (Say 1882) - Mud Snail
4712	*Ischnochiton* sp.
2878	*Ischyrocerus anguipes*
2890	*Ischyrocerus* sp.
2994	*Jaera marina* (Fabricius 1780) - Little Shore Isopod
2950	*Janira alta* (Stimpson 1853)
	Japetella diaphana Hoyle 1885
	Lampadioteuthis megaleia Berry 1916
4543	*Lampadioteuthis* sp.
4588	*Leachia* sp.
	Leachia atlantica (Degner 1925)
2320	*Lebbeus* sp.
2319	*Lebbeus groenlandicus* (Fabricus 1775)
2312	*Lebbeus polaris* (Sabine 1821)
2321	*Lebbeus zebra* (Leim 1921)
3163	*Leiochone* sp.
3501	*Lepidonotus squamatus* (Linnaeus 1758) - Twelve Scaled Worm

4714	*Lepidopleurus cancellatus* (Sowerby 1839) - Arctic Cancellate Chiton
6132	*Leptasterias mulleri* (M. Sars xxxx) - Muller's Starfish
6113	*Leptasterias polaris* (Muller and Troschel 1842) - Polar Sea Star
6134	*Leptasterias tenera* (Stimpson 1862) - Slender-Armed Sea Star
2822	*Leptocheirus pinguis* (Stimpson 1853) - Purple Amphi
2974	*Leptocuma minor* Calman 1912
2929	*Lernaeocera branchialis* (Linnaeus 1767)
2975	*Leucon nasicoides* Lilljeborg 1855
2843	*Lilljeborgia* sp.
2605	*Limacina* sp.
4621	*Limacina helicina* (Phipps 1774) - Helicid Pteropod
4622	*Limacina retroversa* (Fleming 1823) - Shelled Seabutterfly
4347	*Limatula* sp.
2514	*Limulus polyphemus* (Linnaeus xxxx) - American Horse Shoe Crab
	Liocranchia reinhardti (Steenstrup 1856)
4589	*Liocranchia* sp.
2525	*Lithodes* and *Neolithodes* sp. - Spiny Crab
2523	*Lithodes maja* (Linnaeus 1758) - Northern Stone Crab
4512	*Loligo pealei* LeSueur 1821 - Long Finned Squid
4541	*Loligo* sp.
3123	*Lumbrineris latreilli* (Audoin & Milne Edwards 1833)
3122	*Lumbrineris fragilis*
3103	*Lumbrineris* sp. - Lumbrinerid Thread Worms
3118	*Lumbrineris tenuis*
4221	*Lunatia heros* (Say 1822) - Common Northern Moonshell
4258	*Lunatia triseriata* (Say 1826) - Spotted Northern Moonshell
2533	*Lyreidus bairdii*
4313	*Macoma* sp.
2825	*Maera loveni* (Bruzelius 1859)
2808	*Maera* sp.
4223	*Margarites cinera* (Gould 1841) - Ridged Top Shell - OBSOLETE
4224	*Margarites costalis* (Gould 1841) - Northern Rosy Top Shell
4225	*Margarites groenlandica* (Gmelin 1791) - Wavy Top Shell
4254	*Margarites helicina* (Phipps 1774) - Smooth Top Shell
1701	Marine Invertebrates Non-specified
	Mastigoteuthis agassizi Verrill 1881
	Mastigoteuthis cordiformis Chun 1913
	Mastigoteuthis hjorti Chun 1913
4584	*Mastigoteuthis* sp.
4595	*Megalocranchia* sp.
2611	*Meganyctiphanes norvegica* (M. Sars 1857) - Horned Krill Shrimp
2812	*Melita dentata* (Kroyer 1842)
2814	*Melita* sp.
3137	*Melinna cristata* (Sars 1851) - Ampharetid worm
3129	*Melinna elizabethae*
4323	*Mercenaria mercenaria* (Linnaeus 1758) - Hard Clam/Northern Quahog
2732	*Meterythrops robustus* S. I. Smith 1879
2933	*Metridia* sp.
2925	*Metridia longa* (Lubbock 1854)
2924	*Metridia lucens* Boeck 1902
8311	*Metridium senile* Linnaeus 1767 - Frilled Anemone
2937	*Microcalanus pusillus* Sars xxxx
4332	*Modiolus modiolus* (Linnaeus 1758) - Horse Mussel
1826	*Molgula manhattensis* (DeKay 1843) - Sea Grapes
6720	*Molpadia musculus* Risso xxxx
6718	*Molpadia* sp.
2879	*Monoculodes borealis*
2885	*Monoculodes edwardsi* (Holmes 1905)
2886	*Monoculodes latimanus*
2881	*Monoculodes* sp.
2908	*Monstrilla* sp.
	Moroteuthis equatorialis Thiele 1921
2555	*Munida iris* A. Milne Edwards 1880
2556	*Munida valida*
2566	*Munidopsis curvirostra* Whiteaves 1874
2986	*Munnopsis typica* M. Sars 1860
4334	*Musculus niger* (Gray 1824) - Black Mussel
4318	*Mya arenaria* Linnaeus 1758 - Soft Shell Clam
4309	*Mya truncata* Linnaeus 1758 - Truncate Soft Shell Clam
8615	*Mycale* sp.
2710	*Mysis* sp.
2713	*Mysis gaspensis* Tattersall 1955
2712	*Mysis mixta* Lilljeborg 1852
2714	*Mysis occulata*

2711	*Mysis stenolepis* S. I. Smith 1873 - Opossum Shrimp
4331	*Mytilus edulis* Linnaeus 1758 - Common Mussels / Blue Mussel
4233	*Nassarius trivittatus* (Say 1822) - Dog Whelk
4222	*Natica clausa* Broderip and Sowerby 1829 - Little Moonshell
2961	*Nebalia* sp.
2960	*Nebalia bipes* (Fabricius 1780) - Nebalia Shrimp
2804	*Neohela monstrosa*
2528	*Neolithodes grimaldi* Milne-Edwards and Bouvier 1894 - Spiny Spider Crab
2734	*Neomysis americana* (S. I. Smith 1873)
	Neopanope sayi (Smith 1869) - Black Fingered Mud Crab
2866	*Neopleustes pulchellus* Kroyer xxxx
3182	*Nephtys bucera* (Ehlers 1868)
3184	*Nephtys caeca*
3183	*Nephtys incisa* (Malmgren 1865)
3104	*Nephtys* sp. - Red Lined Worms
4227	*Neptunea decemcostata* (Say 1826) - New England Neptune
3132	*Nereis grayi* (Pettibone 1956)
3131	*Nereis pelagica* Linnaeus 1758
3135	*Nereis zonata* (Malmgren 1867)
3130	*Nereis* sp.
3125	*Nicomache canadensis* McIntosh 1913
3119	*Ninoe nigripes* Verrill 1873
3166	*Nothria conchylega* (Sars 1835)
4231	*Nucella lapillus* (Linnaeus 1758) - Atlantic Dog Winkle
4351	*Nuculana* sp.
4353	*Nuculana buccata* (Steenstrup 1842) - Minute Nut Clam
4352	*Nuculana tenuisulcata* (Couthouy 1838) - Thin Nut Clam
4308	*Nucula* sp.
4361	*Nucula tenuis* Montagu 1808 - Smooth Nut Clam
2891	*Nymphon longitarse* Kroyer 1844
2892	*Nymphon macrum* - Wilson 1880
2893	*Nymphon* sp.
8421	*Obelia* sp. - Hydromedusae
	Octopoteuthis megaptera Verrill xxxx
	Octopoteuthis sicula Ruppell 1884
4562	*Octopoteuthis* sp.
	Octopus defillippi Verany 1851
	Ocythoe tuberculata Rafinesque 1814
3156	*Ophelia limacina* Rathke 1843
3159	*Ophelia* sp.
1831	*Oikopleura* sp.
2920	*Oithona* sp.
2928	*Oithona similis* Claus 1913
2930	*Oithona spinirostris* Claus 1913
4518	*Ommastrephes bartrami* (LeSueur 1821) - Flying Squid
4519	*Ommastrephes pteropsus* Steenstrup 1855
4513	*Ommastrephes* sp.
	Onychoteuthis banksi (Leach 1817)
4564	*Onychoteuthis* sp.
	Onykia caribaea LeSueur 1821
4565	*Onykia* sp.
3157	*Ophelia acuminuta* Oersted 1843
6211	*Ophiopholis aculeata* (Linnaeus 1788) - Daisy Brittle Star
6212	*Ophiura* sp.
6215	*Ophiura robusta* (Ayres 1851)
6213	*Ophiura sarsi* Lutken 1858
	Opistoteuthis agassizi Verrill 1883
2831	*Orchomenella* sp.
2869	*Orchomonella minuta*
2834	*Orchomonella pinguis* (Boeck 1861)
	Ornithoteuthis antillarum Adam 1957
4517	*Ornithoteuthis* sp.
3196	*Owenia fusiformis* (delle Chiaje 1844)
2561	*Pagurus* sp.
2562	*Pagurus acadianus* Bendict 1901 - Acadian Hermit Crab
2568	*Pagurus arcuatus*
2563	*Pagurus kroyeri* Stimpson 1859 - OBSOLETE
2558	*Pagurus politus* (Smith 1882)
2564	*Pagurus pubescens* Kroyer 1838
2245	*Palaemonetes vulgaris* (Say 1818) - Common Shore Shrimp, Common Prawn
2210	*Pandalus* sp. - Boreal Red Shrimps
2211	*Pandalus borealis* Kroyer 1838 - Northern Shrimp
2212	*Pandalus montagui* Leach 1813 - Aesop Shrimp
2213	*Pandalus propinquus* G. O. Sars 1869

4305	*Pandora gouldiana* Dall 1886 - Gould's Pandora
2932	*Paracalanus* sp.
2934	*Paracalanus parvus* (Claus 1863)
2909	*Paracalanus*, *Clausocalanus* and *Calocalanus* sp.
8323	*Paragorgia arborea* (Linnaeus 1758)
2805	*Paramphithoe hystrix* Bruzelius 1858
3169	*Paraonis lyra* (Southern 1914)
7000	Parasites, Round Worms
2809	*Parathemisto* sp.
2904	*Parathemisto compressa* (Goes 1865)
2941	*Parathemisto gaudichaudi* (Guerin xxxx)
2907	*Parathemisto oblivia* (Kroyer 1838)
2791	*Pardalisca cuspidata*
2790	*Pardalisca* sp.
2792	*Pardalisca tenuipes*
2884	*Paroediceros longimanus* (M. Sars 1858)
2882	*Paroediceros lynceus* (M. Sars 1858)
2883	*Paroediceros propinquis* (Goes 1866)
2842	*Paroediceros* sp.
2221	*Pasiphaea multidentata* Esmarck 1866 - Pink Glass Shrimp
2220	*Pasiphaea tarda* Kroyer 1845 - Shrimp
3144	*Pectinaria* sp.
3142	*Pectinaria gouldii* (Verrill 1873) - Trumpet Worm
3149	*Pectinaria granulata* (Linnaeus 1767)
8520	*Pelagia noctiluca* - jellyfishes
1824	*Pelonaia* sp.
8318	*Pennatula borealis* M. Sars 1856 - Great Sea Pen
6127	*Pentagonaster tosia* xxxx
3320	*Phascolosoma* sp.
3313	*Phascolosoma gouldii* (Pourtales 1851) - Gould's Sipunculid
3314	*Phascolion strombi*
3178	*Pherusa affinis*
3171	*Pherusa pherusa* xxxx - Flabelligerid Worm
3173	*Pherusa* sp. - Flabelligerid Worms
4256	*Philine sinuata* Stimpson 1850 - Sinuate Paper Bubble
	Pholidoteuthis adami Voss 1956 - Scale Skin Squid
4572	*Pholidoteuthis* sp.
2853	*Phoxocephalus holbolli*
2854	*Phoxocephalus* sp.
2946	*Phronima* sp.
2987	*Phryxus abdominalis* (Kroyer 1840)
3111	*Phyllodoce groenlandica* Oersted 1842
3088	*Phyllodoce maculata*
3089	*Phyllodoce mucosa*
3110	*Phyllodoce* sp.
8210	*Physalia pelagica* Bosc xxxx - Portuguese Man of War
4314	*Pitar morrhuana* Gould 1848 - Morrhua Venus
4321	*Placopecten magellanicus* (Gmelin 1791) - Sea Scallop
8113	*Pleurobrachia* sp.
2926	*Pleuromamma* sp.
2826	*Pleustes medius*
2867	*Pleustes panopla* (Kroyer 1838)
2351	*Podon* sp.
8610	*Polymastia* sp.
6133	*Pontaster* sp.
2412	*Pontophilus brevirostris* Smith 1881 - Rock Shrimp
2415	*Pontophilus norvegicus*
6130	*Poraniomorpha borealis* Verrill xxxx
6129	*Poraniomorpha hispida* Sars xxxx
7110	*Porrocaecum* sp.
7111	*Porrocaecum decipiens* (Krappe xxxx)
3147	*Potamilla neglecta* (Sars 1851) - Fan Worm
3136	*Potamilla reniformis* Leukart xxxx
3145	*Praxillella* sp.
3451	*Priapulus caudatus* Lamarck 1816
8322	*Primnoa resedaeformis* (Pallas 1766)
2895	*Priscillina armata*
4216	*Propebela cancellata* Mighels and Adams 1842 - Cancellate Lora
2917	*Pseudocalanus* sp.
2918	*Pseudocalanus elongatus* (Kroyer 1849)
2721	*Pseudomma affine* G. O. Sars 1870
2722	*Pseudomma truncatum* S. I. Smith 1879
6128	*Psilaster archaster* xxxx
6713	*Psolus fabricii* (Duben and Koren 1846) - Scarlett Psolus

6715	Psolus phantapus (Strussendelt 1765) - Brown Psolus
6710	Psolus sp.
6125	Pteraster militaris (Muller 1776)
	Pterygioteuthis gemmata Chun 1908
	Pterygioteuthis giardi Fischer 1895
4559	Pterygioteuthis sp.
4202	Puncturella noachina (Linne 1771) - Linne's Puncturella
5102	Pycnogonum littorale (Strom 1762) - Anemone Sea Spider
	Pyroteuthis margaritifera (Ruppell 1844)
4560	Pyroteuthis sp.
2824	Red Isopod
2846	Rhachotropis sp.
2848	Rhachotropis aculeata Lepectin 1778
2847	Rhachotropis inflata (G. O. Sars 1882)
2887	Rhachotropis oculata
3141	Rhodine sp.
1931	Rhynchonella sp.
4523	Rossia hyatti (Verrill 1878) - OBSOLETE
4526	Rossia megaptera Verrill 1881
4525	Rossia palpebrosa Owen 1835
2861	Rozinante fragilis (Goes 1866)
3140	Sabella sp. - Peacock Worms
2420	Sabinea sp.
2421	Sabinea septemcarinata (Sabine 1824)
5012	Sagitta sp. - Arrow Worms
5011	Sagitta elegans Verrill 1873
3154	Samytha sexcirrata (Sars 1856)
3152	Scalibregma inflatum (Rathke 1843)
4431	Scaphander punctostriatus Mighels 1841 - Giant Canoe Bubble
2413	Sclerocrangon sp.
2414	Sclerocrangon boreas (Phipps 1774) - Red Sand Shrimp
3167	Scoloplos sp. - Orbiniid Worms
	Selenoteuthis scintillans Voss 1958
4544	Selenoteuthis sp.
4522	Semirossia tenera (Verrill 1880) - Atlantic Bobtailed Squid
4343	Serripes groenlandicus (Bruguiere 1789) - Greenland Cockle
8405	Sertularia sp. - Garland Hydroids
4315	Siliqua sp. - Razor Clams
3700	Sipunculus sp.
4251	Skeneopsis sp. - Skenes
2401	Snapping Shrimp - OBSOLETE
6121	Solaster endeca (Linnaeus 1771) - Purple Sunstar
6123	Solaster papposus (Linnaeus 1780) - Common Sunstar
4346	Solemya borealis Totten 1834 - Boreal Awning Clam
2927	Sphyrion lumpi (Kroyer 1863)
2310	Spirontocaris sp.
2311	Spirontocaris fabricii (Kroyer xxxx) - OBSOLETE
2313	Spirontocaris liljeborgii (Danielssen 1859) - Friendly Spine Shrimp
2314	Spirontocaris macilenta - OBSOLETE
2315	Spirontocaris phippsii (Kroyer 1841)
2316	Spirontocaris spinus (Sowerby 1805) - Parrot Shrimp
2535	Spirorbis sp.
	Spirula spirula (Linnaeus 1758) - Common spirula *note: shell only
4355	Spisula polynyma (Stimpson 1860) - Stimpson's Surf Clam
4317	Spisula solidissima (Dillwyn 1817) - Giant Surf Clam
	Stauroteuthis syrtensis Verrill 1879
6217	Stegophiura nodosa (Lutken 1858)
2815	Stenothoe brevicornis
3165	Sternaspis scutata (Ranzani 1817)
3105	Sternaspis sp.
2733	Stilomysis grandis (Goes 1863)
	Stoloteuthis leucoptera Verrill 1881 - Butterfly Squid
8313	Stomphia coccinea Muller 1776
3197	Streblosoma spiralis
4335	Strombus and Busycon sp. - Conchs
6400	Strongylocentrotus sp.- Sea Urchins
6411	Strongylocentrotus droebachiensis (Muller 1776) - Green Sea Urchin
6412	Strongylocentrotus echinoides xxxx
2985	Synidotea nodulosa (Kroyer 1849)
2851	Syrrhoe sp.
2877	Syrrhoe crenulata
	Taonius pavo (LeSueur 1821)
4591	Taonius sp.
8315	Tealina felina Linnaeus 1767 - Dahlia Anemone

4303	*Tellina* sp.
2919	*Temora* sp.
2936	*Temora longicornis* (Muller 1902)
3151	*Terebellides stroemi* (Sars 1835)
1932	*Terebratulina* sp.
	Tetronychoteuthis dussumieri (Orbigny 1839)
4571	*Tetronychoteuthis* sp.
	Teuthowenia megalops Prosch 1849
4592	*Teuthowenia* sp.
3191	*Thelepus cincinnatus*
	Thelidioteuthis alessandrini xxxx
4557	*Thelidioteuthis* sp.
3312	*Themiste* sp.
4302	*Thyasira* sp. - Cleft Clams
6714	*Thyone* sp.
6712	*Thyone unisemita* (Stimpson 1851)
2620	*Thysanoessa* sp.
2624	*Thysanoessa acutifrons* xxxx
2622	*Thysanoessa inermis* (Kroyer 1846)
2623	*Thysanoessa longicaudata* (Kroyer 1846)
2621	*Thysanoessa raschii* M. Sars 1863
2828	*Tiron* sp.
2837	*Tmetonyx cicada* (Fabricius 1780)
2832	*Tmetonyx* sp.
4713	*Tonicella rubra* (Linne 1767) - Red Northern Chiton
3179	*Travisia carnea*
	Tremoctopus violaceous delle Chiaje 1830 - Common Umbrella Octopus
4229	*Turritellopsis* sp.
2839	*Unciola inermis*
2537	*Unciola irrorata* (Say 1818)
2823	*Unciola* sp. - Red Amphi
	Vampyroteuthis infernalis Chun 1903
4252	*Velutina laevigata* Linnaeus 1767 - Velvet Shell
4344	*Venericardia borealis* (Conrad 1831) - Heart Shell
4311	*Venus mercenaria* - Quahaug - OBSOLETE
4354	*Yoldia* sp.
4356	*Yoldia sapotilla* (Gould 1841)

Appendix E

Numerical Listing of Fishes by Code Numbers

0001 *Aluterus schoepfi* (Walbaum 1792) - Orange Filefish
0002 *Aluterus scriptus* (Osbeck 1757) - Scrawled Filefish
0003 *Balistes capriscus* Gmelin 1789 - Gray Triggerfish
0004 *Balistes vetula* Linnaeus 1758 - Queen Triggerfish
0005 *Monacanthus ciliatus* (Mitchill 1818) - Fringed Filefish
0006 *Stephanolepis hispidus* (Linnaeus 1766) - Planehead Filefish
0007 *Menticirrhus saxatilis* (Bloch and Schneider 1801) - Northern Kingfish
0008 *Bothus* sp.
0009 *Engraulis eurystole* (Swain and Meek 1884) - Silver Anchovy
0010 *Gadus morhua* Linnaeus 1758 - Atlantic Cod
0011 *Melanogrammus aeglefinus* (Linnaeus 1758) - Haddock
0012 *Urophycis tenuis* (Mitchill 1815) - White Hake
0013 *Urophycis chuss* (Walbaum 1792) - Red Hake
0014 *Merluccius bilinearis* (Mitchill 1814) - Silver Hake
0015 *Brosme brosme* (Muller 1776) - Cusk
0016 *Pollachius virens* (Linnaeus 1758) - Pollock
0017 *Microgadus tomcod* (Walbaum 1792) - Atlantic Tomcod
0018 Hake Unidentified
0019 *Merluccius albidus* (Mitchill 1818) - Offshore Hake
0020 *Sebastes marinus* (Linnaeus 1758) - Redfish/Ocean Pout
0021 *Sebastes mentella* Travin 1951 - Deepwater Redfish
0022 *Bonapartia pediolota* (Goode and Bean 1896)
0023 *Sebastes* sp. - Unseparated Redfish
0024 *Morone saxatilis* (Walbaum 1792) - Striped Bass
0025 *Lopholatilus chamaeleonticeps* Goode and Bean 1879 - Tilefish
0026 *Scorpaena calcarata* Goode and Bean 1882 - Smoothhead Scorpionfish
0027 *Lepidocybium flavobrunneum* (Smith 1849) - Escolar
0028 *Nealotus tripes* Johnson 1865 - Blacksnake Mackerel
0029 *Ruvettus pretiosus* Cocco 1829 - Oilfish
0030 *Hippoglossus hippoglossus* (Linnaeus 1758) - Atlantic Halibut
0031 *Reinhardtius hippoglossoides* (Walbaum 1792) - Greenland Halibut
0032 *Makaira albida* (Poey 1860) - White Marlin
0033 *Makaira nigricans* Lacepede 1803 - Blue Marlin
0035 *Merluccius* sp.- Hake
0037 *Echiodon dawsoni* Williams and Shipp 1982 - Chain Pearlfish
0038 *Pseudoscopelus* sp.- Swallowers
0039 *Chiasmodon niger* Johnson 1863 - Black Swallower
0040 *Hippoglossoides platessoides* (Fabricius 1780) - American Plaice
0041 *Glyptocephalus cynoglossus* (Linnaeus 1758) - Witch Flounder
0042 *Limanda ferruginea* (Storer 1839) - Yellowtail Flounder
0043 *Pseudopleuronectes americanus* (Walbaum 1792) - Winter Flounder
0044 *Citharichthys arctifrons* Goode 1880 - Gulf Stream Flounder
0045 *Bothus ocellatus* (Agassiz 1831) - Eyed Flounder
0046 *Sphyraena borealis* DeKay 1842 - Northern Sennet
0047 *Mugil curema* Cuvier and Valenciennes 1836 - White Mullet
0048 *Mugil cephalus* Linnaeus 1758 - Striped Mullet
0050 *Anarchichas lupus* Linnaeus 1758 - Striped Atlantic Wolffish
0051 *Anarchichas minor* Olafsen 1774 - Spotted Wolffish
0052 *Anarchichas denticulatus* Kroyer 1884 - Northern Wolffish
0053 *Tautoga onitis* (Linnaeus 1758) - Tautog
0054 *Abudefduf saxatilis* (Linnaeus 1758) - Sergeant Major
0055 *Molva molva* (Linnaeus 1758) - European Ling
0056 *Molva dypterygia* (Walbaum 1792) - Blue Ling
0058 *Anchoa hepsetus* (Linnaeus 1758) - Striped Anchovy
0060 *Clupea harengus* Linnaeus 1758 - Atlantic Herring
0061 *Alosa sapidissima* (Wilson 1811) - American Shad
0062 *Alosa pseudoharengus* (Wilson 1811) - Gaspereau, Alewife
0063 *Osmerus mordax* (Mitchill 1815) - Rainbow Smelt
0064 *Mallotus villosus* (Muller 1777) - Capelin
0065 *Salmo salar* Linnaeus 1758 - Atlantic Salmon
0066 *Coregonus clupeaformis* (Mitchill 1818) - Lake Whitefish
0067 *Coregonus canadensis* Scott 1967 - Atlantic Whitefish
0068 *Oncorhynchus gorbuscha* (Walbaum 1792) - Pink Salmon
0069 *Salmo gairdneri* Richardson 1836 - Rainbow Trout
0070 *Scomber scombrus* Linnaeus 1758 - Atlantic Mackerel
0071 *Thunnus thynnus* (Linnaeus 1758) - Bluefin Tuna
0072 *Xiphias gladius* Linnaeus 1758 - Swordfish

0074 *Seriola zonata* (Mitchill 1815) - Banded Rudderfish
0075 *Salmo trutta* Linnaeus 1758 - Brown Trout
0076 *Salvelinus alpinus* (Linnaeus 1758) - Arctic Char
0077 *Salvelinus fontinalis* (Mitchill 1815) - Brook Trout
0078 *Cookeolus boops* (Bloch and Schneider 1801) - Bulleye
0079 *Priacanthus cruentatus* (Lacepede 1800) - Glasseye snapper
0080 *Decapterus punctatus* Agissiz 1829 - Round Scad
0081 *Pomatomus saltatrix* (Linnaeus 1758) - Bluefish
0082 *Echeneis naucrates* Linnaeus 1758 - Shark Pilot
0083 *Remora brachyptera* (Lowe 1839) - Spearfish Remora
0084 *Remora remora* (Linnaeus 1758) - Remora
0085 *Caranx crysos* (Mitchill 1815) - Blue Runner
0086 *Caranx hippos* (Linnaeus 1766) - Crevalle Jack
0087 *Decapterus macarellus* (Cuvier 1833) - Mackeral Scad
0088 *Naucrates ductor* (Linnaeus 1758) - Pilotfish
0089 *Selar crumenophthalmus* (Bloch 1793) - Bigeye Scad
0090 Unidentified Fish (Larvae, Juvenile, and Adults)
0091 *Selene vomer* (Linnaeus 1758) - Atlantic Lookdown
0092 *Seriola dumerili* (Risso 1810) - Greater Amberjack
0093 *Trachurus trachurus* (Linne 1758) - Horse Mackerel
0094 *Vomer setapinnis* (Mitchill 1815) - Atlantic Moonfish
0095 *Brama brama* (Bonaterre 1788) - Atlantic Pomfret
0096 *Taractichthys longipinnis* (Lowe 1843) - Bigscale Pomfret
0097 *Caristius groenlandicus* (Jensen 1941) - Greenland Manefish
0098 *Lutjanus* sp.
0099 *Archosargus probatocephalus* (Walbaum 1792) - Sheepshead
0100 Finfishes (Non-specified)
0102 *Stenotomus chrysops* (Linnaeus 1766) - Scup
0103 *Cynoscion regalis* (Bloch and Schneider 1801) - Weakfish
0104 *Pogonias cromis* (Linnaeus 1766) - Black Drum
0105 *Mullus auratus* Jordan and Gilbert 1882 - Red Goatfish
0106 *Kyphosus sectatrix* (Linnaeus 1766) - Bermuda Chub/Rudderfish
0107 *Chaetodon ocellatus* Bloch 1787 - Spotfin Butterflyfish
0108 *Lepidion eques* (Gunther 1887)
0109 *Halargyreus johnsonii* Gunther 1862 - Dainty Moras
0110 *Boreogadus saida* (Lepechin 1774) - Arctic Cod
0111 *Urophycis regius* (Walbaum 1792) - Spotted Hake
0112 *Phycis chesteri* Goode and Bean 1878 - Longfin Hake
0113 *Antimora rostrata* Gunther 1878 - Blue Antimora/Hake
0114 *Enchelyopus cimbrius* (Linnaeus 1766) - Fourbeard Rockling
0115 *Gaidropsarus ensis* (Reinhardt 1838) - Threebeard Rockling
0116 *Gaidropsarus argentatus* (Reinhardt 1838) - Silver Rockling
0117 *Micromesistius poutassou* (Risso 1826) - Blue Whiting
0118 *Gadus ogac* Richardson 1836 - Greenland Cod
0119 *Gaidropsarus* sp. - Rockling Unidentified
0120 *Morone americana* (Gmelin 1788) - White Perch
0121 *Centropristis striata* (Linnaeus 1758) - Black or Southern Sea Bass
0122 *Tautogolabrus adspersus* (Walbaum 1792) - Cunner
0123 *Helicolenus dactylopterus* (DelaRoche 1809) - Blackbelly Rosefish
0124 *Centrobranchus nigro-ocellatus* (Gunther 1873)
0125 *Diaphus effulgens* (Goode and Bean 1896)
0126 *Diaphus perspicillatus* (Brauer 1904)
0127 *Diaphus luetkeni* (Brauer 1904)
0128 *Diaphus mollis* Taning 1928
0129 *Diaphus rafinesquii* (Cocco 1838)
0130 *Diaphus termophilus* Taning 1928
0131 *Electrona rissoi* (Cocco 1829)
0132 *Gonichthys coccoi* (Cocco 1829) - Cocco's Lanternfish
0133 *Protomyctophum arcticum* - OBSOLETE (See 0226)
0134 *Hygophum benoiti* (Cocco 1838) - Benoit's Lanternfish
0135 *Hygophum hygomi* (Lutken 1892)
0136 *Hygophum macrochir* (Gunther 1864)
0137 *Lampadena luminosa* Taning 1928
0138 *Lampadena speculigera* Goode and Bean 1896 - Mirror Lanternfish
0139 *Lampanyctus alatus* Goode and Bean 1896
0140 *Liopsetta putnami* (Gill 1864) - Smooth Flounder
0141 *Paralichthys dentatus* (Linnaeus 1766) - Summer Flounder
0142 *Paralichthys oblongus* (Mitchill 1815) - Fourspot Flounder
0143 *Scophthalmus aquosus* (Mitchill 1815) - Windowpane
0144 *Lampanyctus crocodilus* (Risso 1810) - Jewel Lanternfish
0145 *Lampanyctus festivus* Taning 1928
0146 *Lampanyctus macdonaldi* (Goode and Bean 1896)
0147 *Lampanyctus pusillus* (Johnson 1890)
0148 *Bathypterois dubius* Vaillant 1888 - Notch Feeler Fish

0149 *Parasudis truculenta* (Goode and Bean 1895) - Longnose Greeneye
0152 *Diaphus dumerilii* (Bleeker 1856) - Lanternfish
0154 *Cyclothone microdon* (Gunther 1878) - Veiled Anglemouth
0155 *Gonostoma elongatum* Gunther 1878 - Longtooth Anglemouth
0156 *Chlorophthalmus agassizi* Bonaparte 1840 - Shortnose Greeneye
0157 *Benthosema glaciale* (Reinhardt 1837) - Glacier Lanternfish
0158 *Maurolicus muelleri* (Gmelin 1788) - Muller's Pearlsides
0159 *Stomias boa ferox* Reinhardt 1842 - Boa Dragonfish
0160 *Argentina silus* Ascanius 1763 - Atlantic Argentine
0161 *Argentina striata* Goode and Bean 1896 - Striated Argentine
0162 *Nansenia groenlandica* (Reinhardt 1839) - Large-eyed Argentine
0163 *Ceratoscopelus maderensis* (Lowe 1839) - Horned Lanternfish
0164 *Brevoortia tyrannus* (Latrobe 1802) - Atlantic Menhaden
0165 *Alosa aestivalis* (Mitchill 1815) - Blueback Herring
0166 *Etrumeus teres* DeKay 1842 - Round Herring
0167 *Megalops atlanticus* Valenciennes 1847 - Tarpon
0168 *Diaphus metopoclampus* (Cocco 1829) - Headlightfish
0169 *Chauliodus sloani* Bloch and Schneider 1801 - Viperfish
0170 *Scomber japonicus* Houttuyn 1782 - Chub Mackerel
0171 *Scomberomorus maculatus* (Mitchill 1815) - Spanish Mackerel
0172 *Euthynnus pelamis* Jordan and Gilbert 1883 - Striped Bonito/Skipjack Tuna
0173 *Euthynnus alletteratus* (Rafinesque 1810) - Little Tunny/False Albacore
0175 *Albula vulpes* (Linnaeus 1758) - Bonefish
0176 *Bathylagus euryops* Goode and Bean 1895 - Goitre Black Smelt
0177 *Malacosteus niger* Ayres 1848 - Loosejaw
0178 *Lobianchia gemellerii* (Cocco 1838)
0179 *Myctophum affine* (Lutken 1892) - Metallic Lanternfish
0180 *Myctophum punctatum* Rafinesque 1810 - Spotted Lanternfish
0181 *Notolychnus valdiviae* (Brauer 1904)
0182 *Notoscopelus elongatus kroyeri* (Malm 1863) - Kroyer's Lanternfish
0183 *Notoscopelus resplendens* (Richardson 1845) - Patchwork Lanternfish
0184 *Symbolophorus veranyi* (Moreau 1888) - Largescale Lanternfish
0185 *Taaningichthys bathyphilus* (Taning 1928)
0186 *Taaningichthys minimus* (Taning 1928)
0187 *Auxis thazard* (Lacepede 1802) - Frigate Mackerel
0188 *Sarda sarda* (Bloch 1793) - Atlantic Bonito
0189 *Scomberomorus cavalla* (Cuvier and Valenciennes 1831) - King Mackerel
0190 *Thunnus alalunga* (Bonnaterre 1788) - Albacore
0191 *Thunnus albacares* (Bonnaterre 1788) - Yellowfin Tuna
0192 *Thunnus obesus* (Lowe 1839) - Bigeye Tuna
0193 *Urophycis* sp.- Hake
0195 *Enchelyopus* and *Urophycis* sp.- Rockling and Hake
0198 *Syacium* sp. - Channel Flounder
0200 *Raja laevis* Mitchill 1817 - Barndoor Skate
0201 *Raja radiata* Donovan 1807 - Thorny Skate
0202 *Raja senta* Garman 1885 - Smooth Skate
0203 *Raja erinacea* Mitchill 1825 - Little Skate
0204 *Raja ocellata* Mitchill 1815 - Winter Skate
0205 *Raja spinicauda* Jensen 1914 - Spiny-tail Skate
0206 *Raja eglanteria* Bosc 1802 - Brier Skate
0207 *Raja fyllae* Lutken 1887 - Round Skate
0208 *Raja mollis* Bigelow and Schroeder 1950 - Soft Skate
0209 *Raja jenseni* Bigelow and Schroeder 1950 - Jensen's Skate
0210 *Raja hyperborea* Collett 1878 - Arctic Skate
0212 *Raja bathyphila* Holt and Byrne 1908 - Abyssal Skate
0213 *Dasyatis centroura* (Mitchill 1815) - Roughtail Stingray
0215 *Odontaspis taurus* Rafinesque 1841 - Sand Shark
0216 *Torpedo nobiliana* Bonaparte 1835 - Atlantic Torpedo
0217 *Raja lintea* Fries 1838 - White Skate
0218 *Dasyatis violacea* (Bonaparte 1832) - Pelagic Stingray
0220 *Squalus acanthias* Linnaeus 1758 - Spiny Dogfish
0221 *Centroscyllium fabricii* (Reinhardt 1825) - Black Dogfish
0222 *Mustelus canis* (Mitchill 1815) - Smooth Dogfish
0223 *Centroscymnus coelolepis* Bocage and Brito Capello 1864 - Portugese Shark
0224 *Etmopterus princeps* Collett 1904 - Rough Sagre
0225 *Manta birostris* (Walbaum 1792) - Atlantic Manta
0226 *Protomyctophum arcticum* (Lutken 1892)
0227 *Notoscopelus* sp.
0228 *Lepidophanes guentheri* (Goode and Bean 1896)
0229 *Diaphus* sp.
0230 *Lamna nasus* (Bonnaterre 1788) - Porbeagle, Mackerel Shark
0231 *Prionace glauca* (Linnaeus 1758) - Blue Shark
0232 *Carcharodon carcharias* (Linnaeus 1758) - White Shark
0233 *Cetorhinus maximus* (Gunnerus 1765) - Basking Shark

0234 *Alopias vulpinus* (Bonnaterre 1788) - Thresher Shark
0235 *Rhizoprionodon terraenovae* (Richardson 1836) - Atlantic Sharpnose Shark
0236 *Sphyrna zygaena* (Linnaeus 1758) - Smooth Hammerhead
0237 *Somniosus microcephalus* (Bloch and Schneider 1801) - Greenland Shark
0238 *Isurus oxyrinchus* Rafinesque 1810 - Shortfin Mako
0239 *Apristurus profundorum* (Goode and Bean 1896) - Deepsea Cat Shark
0240 *Petromyzon marinus* Linnaeus 1758 - Sea Lamprey
0241 *Myxine glutinosa* Linnaeus 1758 - Northern Hagfish
0242 *Hydrolagus affinis* (Brito Capello 1868) - Deepwater Chimera
0243 *Acipenser oxyrhynchus* Mitchill 1815 - Atlantic Sturgeon
0244 *Carcharhinus longimanus* (Poey 1861) - Oceanic Whitetip Shark
0245 *Carcharhinus milberti* Jordan and Gilbert 1883 - Sandbar Shark
0246 *Carcharhinus obscurus* (LeSeuer 1818) - Dusky Shark
0247 *Harriotta raleighana* Goode and Bean 1895 - Longnose Chimera
0248 *Rhinochimaera atlantica* Holte and Byrne 1909 - Knifenose Chimera
0249 *Acipenser brevirostrum* LeSueur 1818 - Shortnose Sturgeon
0250 *Lepisosteus osseus* (Linnaeus 1758) - Longnose Gar
0252 *Lampanyctus* sp.
0253 Groundfish (Non-specified)
0254 *Anchoa mitchilli* (Cuvier and Valenciennes 1848) - Bay Anchovy
0255 *Istiophorus platypterus* Shaw and Nodder 1791 - Sailfish
0256 Pelagic Fish (Non-specified)
0257 *Seriola* sp. - Amberjacks
0258 *Micropogonias undulatus* (Linnaeus 1766) - Atlantic Croaker
0259 *Strongylura marina* (Walbaum 1792) - Atlantic Needlefish
0260 *Opisthonema oglinum* (LeSueur 1817) - Atlantic Thread Herring
0261 *Trachinotus carolinus* (Linnaeus 1766) - Florida or Common Pompano
0262 *Dorosoma cepedianum* (LeSeuer 1818) - Gizzard Shad
0264 *Alosa mediocris* (Mitchill 1814) - Hickory Shad
0266 *Orthopristis chrysoptera* (Linnaeus 1766) - Pigfish
0267 *Sciaenops ocellatus* (Linnaeus 1766) - Red Drum
0268 *Pagrus pagrus* Linne 1758 - Red Porgy
0269 *Trachurus lathami* Nichols 1920 - Rough Shad
0270 *Leiostomus xanthurus* Lacepede 1802 - Spot Croaker
0271 *Cynoscion nebulosus* (Cuvier and Valenciennes 1830) - Spotted Weakfish
0273 *Salmo* sp.- Trout non-specified
0277 *Trichopsetta* sp.
0278 *Scorpaena* sp. - Rockfishes (NS)
0279 *Symbolophorus* sp.
0281 *Alosa* sp.
0282 *Syacium micrurum* Ranzani 1840 - Channel Flounder
0283 *Sebastes fasciatus* Storer 1856 - Labrador Redfish
0284 *Lampanyctus ater* Taning 1928
0285 *Naucrates* sp.
0286 *Benthosema* sp.
0287 *Notoscopelus bolini* Nafpaktitis 1975
0289 *Caulolatilus* sp.
0291 *Bathylagus compsus* Cohen 1958
0292 *Bolinichthys photothorax* (Parr 1928)
0293 *Ceratoscopelus* sp.
0295 *Bathylagus* sp.
0297 *Svetovidovia* sp.
0300 *Myoxocephalus octodecemspinosus* (Mitchill 1815) - Longhorn Sculpin
0301 *Myoxocephalus scorpius* (Linnaeus 1758) - Shorthorn Sculpin
0302 *Gymnocanthus tricuspis* (Reinhardt 1832) - Arctic Staghorn Sculpin
0303 *Myoxocephalus aeneus* (Mitchill 1815) - Little Grubby
0304 *Triglops murrayi* Gunther 1888 - Mailed Sculpin
0305 *Triglops nybelini* Jensen 1944 - Nybelin's Sculpin
0306 *Artediellus uncinatus* (Reinhardt 1833) - Arctic Hookear Sculpin
0307 *Cottunculus microps* Collett 1875 - Polar Sculpin
0308 *Cottunculus thompsoni* (Gunther 1882) - Pallid Sculpin
0309 *Triglops* sp. - Unidentified Sculpin
0310 *Myoxocephalus* sp. - Unidentified Sea Sculpin
0311 *Cottidae* - Others
0313 *Icelus bicornis* (Reinhardt 1841) - Twohorn Sculpin
0314 *Icelus spatula* Gilbert and Burke 1912 - Spatulate Sculpin
0315 *Myoxocephalus quadricornis* (Linnaeus 1758) - Fourhorn Sculpin
0316 *Myoxocephalus scorpioides* (Fabricus 1780) - Arctic Sculpin
0317 *Triglops pingeli* Reinhardt 1832 - Ribbed Sculpin
0318 *Icelus* sp. - Sculpin
0319 *Laemonema barbatula* Goode and Bean 1883
0320 *Hemitripterus americanus* (Gmelin 1789) - Sea Raven
0321 *Thunnus* sp.
0322 *Cyclothone pseudopallida*

0323	*Artediellus* sp. - Hookear Sculpin
0324	*Monolene antillarum* Norman 1933 - Slim Flounder
0325	*Engyophrys senta* Ginsburg 1933 - Spiny Flounder
0327	*Myctophum asperum* Richardson 1845
0330	*Prionotus carolinus* (Linnaeus 1771) - Northern Searobin
0331	*Peristedion miniatum* Goode 1880 - Armored Searobin
0332	*Prionotus evolans* (Linnaeus 1766) - Striped Searobin
0333	*Trichopsetta orbisulcus* Anderson and Gutherz 1967
0334	*Chauliodus danae* Regan and Trewavas 1929
0335	*Chauliodus* sp.
0338	*Aristostomias* sp.
0340	*Aspidophoroides monopterygius* (Bloch 1786) - Alligatorfish
0341	*Aspidophoroides olriki* Lutken 1876 - Arctic Alligatorfish
0342	*Hygophum reinhardtii* (Lutken 1892)
0343	*Lampadena* sp.
0344	*Etropus crossotus* Jordan and Gilbert xxxx - Fringed Flounder
0345	*Cyclopsetta fimbriata* Goode and Bean xxxx - Spotfin Flounder
0347	*Bathylagus greyae* xxxx
0348	*Vinciguerria* sp.
0349	*Elops saurus* Linnaeus 1766 - Lady Fish
0350	*Agonus decagonus* Bloch and Schneider 1801 - Atlantic Sea Poacher
0353	*Priacanthus arenatus* Cuvier 1829 - Bigeye
0354	*Brosmiculus imberbis*
0355	*Regalecus glesne* (Ascanius 1772)
0356	*Rondeletia loricata* (Abe and Hotta 1963)
0357	*Melanonus zugmayeri* (Norman 1930)
0358	*Trachyscorpia cristulata* (Goode and Bean 1896) - Atlantic Thornyhead
0359	*Diplospinus multistriatus* (Maul 1948)
0361	*Gasterosteus aculeatus* Linnaeus 1758 - Threespine Stickleback
0362	*Pungitius pungitius* (Linnaeus 1758) - Ninespine Stickleback
0363	*Apeltes quadracus* (Mitchill 1815) - Fourspine Stickleback
0364	*Gasterosteus wheatlandi* Putman 1867 - Blackspotted Stickleback
0365	*Bregmaceros atlanticus* (Goode and Bean 1886)
0366	*Antigonia combatia* (Berry and Rathjen 1959)
0367	*Diodon holocanthus* (Linnaeus 1758)
0368	*Melamphaes pumilus* (Ebeling 1962)
0369	*Chlopsis* sp.
0370	*Myctophum* sp.
0371	*Hemipteronotus* sp. - Razorfishes
0372	*Thalassoma bifasciatum* Bloch xxxx - Bluehead
0373	*Melanocetus* sp.
0374	*Hemanthias* sp
0375	*Antennarius* sp.
0376	*Polyipnus* sp.
0377	*Decapterus* sp.
0378	*Glossanodon sp.*
0379	*Cyclopsetta* sp.
0380	*Holocanthus* sp.
0381	*Symphysanodon* sp.
0382	*Monolene* sp.
0383	*Evermannella balboa* (Risso 1820)
0384	*Antigonia capros* (Lowe) Deepbody Boarfish
0385	*Monolene sessilicauda* Goode 1880 - Deepwater Flounder
0386	*Etropus microstomus* (Gill xxxx) - Smallmouth Flounder
0387	*Citharichthys cornutus* (Gunther xxxx) - Horned Whiff
0388	*Citharichthys gymnorhinus* Gutherz and Blackman xxxx - Anglefin Whiff
0389	*Ichthyococcus ovatus* (Cocco 1838)
0390	*Margrethia obtusirostra* (Jespersen and Taning 1919)
0391	*Flagellostomias boureei* (Zugmayer 1913)
0392	*Chirostomias pliopterus* (Regan and Trewavas 1930)
0393	*Eustomias bigelowi* (Welsh 1923)
0394	*Eustomias lipochirus* (Regan and Trewavas 1930)
0395	*Macrostomias longibarbatus* (Brauer 1902)
0396	*Photostomias guernei* (Collett 1889)
0397	*Antennarius ocellatus* Poey 1868 - Ocellated Frogfish
0399	*Histrio histrio* (Linnaeus 1758) - Sargassumfish
0400	*Lophius americanus* Valenciennes 1873 - Monkfish, Goosefish, Angler
0401	*Ceratias holboelli* Kroyer 1844 - Deepsea Angler
0402	*Cryptopsaras couesi* Gill 1883 - Lesser Deepsea Angler/Warted Seadevil
0403	*Himantolophus groenlandicus* Reinhardt 1837 - Atlantic Footballfish
0404	*Himantolophus* sp.
0405	*Caulophryne jordani* Goode and Bean 1896
0406	*Linophryne algibarbata* Waterman 1939
0407	*Linophryne coronata* Parr 1927

0408 Linophryne lucifera Collett 1886
0409 Malacocephalus occidentalis Goode and Bean 1885 - American Straptail Grenadier
0410 Nezumia bairdi (Goode and Bean 1877) - Marlin Spike Grenadier
0411 Macrourus berglax Lacepede 1802 - Roughhead Grenadier
0412 Trachyrhynchus murrayi Gunther 1887 - Roughnose Grenadier
0413 Coelorhynchus carminatus (Goode 1880) - Longnose Grenadier
0414 Coryphaenoides rupestris Gunnerus 1765 - Rock or Roundnose Grenadier
0417 Heterophotus sp.
0418 Gigantactis sp.
0419 Photonectes margarita (Goode and Bean 1896)
0421 Microstoma microstoma (Risso 1810)
0422 Argyropelecus affinis (Garman 1899)
0423 Diaphus lucidus (Goode and Bean 1896)
0424 Diaphus garmani (Gilbert 1906)
0426 Anarchias yoshiae Kanazawa 1952 - Pigmy Moray
0427 Gymnothorax sp.
0428 Diaphus brachycephalus (Taning 1928)
0430 Ariosoma sp.
0431 Conger sp.
0432 Hildebrandia sp.
0433 Nystactichthys sp.
0434 Paraconger sp.
0435 Pseudophichthus splendens (Lea xxxx)
0436 Rhechias sp.
0437 Uroconger sp.
0438 Uroconger syringinus Ginsburg 1954 - Threadtail Conger
0439 Diaphus splendidus (Brauer 1904)
0441 Ahlia egmontis (Jordan 1884) - Key Worm Eel
0442 Apterichtus ansp (Bohlke 1968) - Academy Eel
0443 Apterichtus kendalli (Gilbert 1889) - Finless Eel
0444 Bascanichthys bascanium (Jordan 1884) - Sooty Eel
0445 Callechelys sp.
0446 Callechelys muraena Jordan and Evermann 1886 - Blotched Snake Eel
0447 Echiophis sp.
0448 Myrophis platyrhynchus (Breder xxxx)
0449 Myrophis punctatus (Lutken 1851) - Speckled Worm Eel
0450 Ophichthus sp.
0451 Ophichthus gomesi (Castelnau 1855) - Shrimp Eel
0452 Ophichthus ocellatus (LeSueur 1825) - Pale Spotted Eel
0453 Diaphus bertelseni (Nafpaktitis 1966)
0454 Loweina rara (Lutken 1892)
0459 Dysomma sp.
0460 Lampanyctus intricarius (Taning 1928)
0461 Lampadena atlantica (Maul 1969)
0462 Bolinichthys supralateralis (Parr 1928)
0464 Nemichthys sp.
0465 Lampanyctus photonotus (Parr 1928)
0466 Diogenichthys atlantica (Taning 1928)
0467 Hygophum taaningi (Becker 1965)
0468 Ceratoscopelus warmingii (Lutken 1892)
0469 Lepidophanes gaussi (Brauer 1906)
0471 Moringua edwardsi (Jordan and Bollman 1889) - Spaghetti Eel
0472 Neoconger mucronatus Girard 1859 - Ridged or Slender Pike Eel
0473 Benthosema suborbitale (Gilbert 1913)
0474 Myctophum nitidulum (Garman 1899)
0476 Nettastoma sp. - Duckbill Eels
0477 Hoplunnis sp. - Pike Congers
0478 Notoscopelus caudispinosus (Johnson 1863)
0479 Macroparalepis affine (Ege 1933)
0481 Chlopsis bicolor Rafinesque 1810 - Bicolor Eel
0482 Kaupichthys hyoproroides (Stromman 1896) - False Moray
0483 Lestrolepis intermedia (Poey 1867)
0484 Paralepis elongata (Brauer 1906)
0486 Paraxenomystax sp.
0487 Lestidiops sp.
0488 Evermannella indica (Brauer 1906)
0489 Scopelosaurus argenteus (Maul 1954)
0491 Tiluropsis sp.
0492 Scopelosaurus smithii (Bean 1925)
0493 Melamphaes typhlops (Lowe 1843)
0494 Scopeloberyx robustus (Gunther 1887)
0495 Pterycombus brama (Fries 1837)
0496 Draconetta acanthopoma (Regan 1904)
0497 Pristipomoides aquilonaris (Goode and Bean 1896)

0498 *Anthias nicholsi* (Firth 1933)
0499 *Ophichthus puncticeps*
0500 *Liparis* sp. - Unidentified Seasnail
0501 *Cyclopterus lumpus* Linnaeus 1758 - Lumpfish
0502 *Eumicrotremus spinosus* (Muller 1777) - Atlantic Spiny Lumpsucker
0503 *Liparis atlanticus* (Jordan and Evermann 1898) - Atlantic Seasnail
0504 *Liparis liparis* (Linnaeus 1766) - Striped Seasnail
0505 *Liparis fabricii* Parr 1932 - Gelatinous Seasnail
0506 *Liparis tunicatus* Reinhardt 1836 - Greenland Seasnail
0507 *Careproctus longipinnis* Burke 1912 - Longfin Seasnail
0508 *Liparis inquilinus* Able 1973 - Inquiline Seasnail
0509 *Eumicrotremus derjugini* Popov 1926 - Leatherfin Lumpsucker
0510 *Opsanus tau* (Linnaeus 1766) - Toadfish
0511 *Paraliparis copei* Goode and Bean 1896 - Blacksnout Seasnail
0512 *Liparis gibbus* Gilbert 1895 -Dusky Seasnail
0513 *Liparis coheni* Able 1976 - Gulf Seasnail
0515 *Careproctus* sp. - Seasnail
0516 *Serranus* sp.
0517 *Ahliesaurus berryi* (Bertelsen, Krefft & Marshall 1976)
0518 *Aristostomias lunifer* (Regan and Trewavas 1930)
0519 *Aristostomias polydactylus* (Regan and Trewavas 1930)
0520 *Careproctus reinhardi* (Kroyer 1862) - Sea Tadpole
0521 *Astronesthes cyaneus* (Brauer 1902)
0522 *Astronesthes leucopogon* (Regan and Trewavas 1930)
0523 *Astronesthes niger* (Richardson 1844)
0524 *Astronesthes similis* (Parr 1927)
0525 *Bathophilus proximus* (Regan and Trewavas 1930)
0526 *Bathylagus berycoides* (Borodin 1929)
0527 *Benthalbella infans* (Zugmayer 1911)
0528 *Benthodesmus* sp.
0529 *Bolinichthys indicus* (Nafpaktitis and Nafpaktitis 1969)
0530 *Chaunax* sp.
0531 *Cubiceps* sp.
0532 *Cubiceps gracilis* (Lowe 1843)
0533 *Coccorella atlantica* (Roule 1929)
0534 *Cubiceps capensis* (Smith 1849)
0535 *Diaphus fragilis* (Taaning 1928)
0536 *Diaphus holti* (Taaning 1918)
0537 *Diaphus roei* (Nafpaktitus 1974)
0538 *Diplophos taenia* (Gunther 1873)
0539 *Dolichopteryx binocularis* (Beebe 1932)
0540 *Diaphus taaningi*
0541 *Echiostoma barbatum*
0542 *Eustomias bibulbosus* (Parr 1927)
0543 *Eustomias dubius* (Parr 1927)
0544 *Eustomias filifer* (Gilchrist 1908)
0545 *Eustomias obscurus* (Vaillant 1888)
0546 *Eustomias schmidti* (Regan and Trewavas 1930)
0547 *Eustomias tetranema* (Zugmayer 1913)
0548 *Gonostoma* sp.
0549 *Lampadena chavesi* (Collett 1905)
0550 *Lampanyctus lineatus* (Taaning 1928)
0551 *Lampanyctus nobilis* (Taaning 1928)
0552 *Lepidophanes* sp.
0553 *Lestidiops affinis* (Ege 1930)
0554 *Linophryne* sp.
0555 *Lophotus lacepedei* (Giorna 1809)
0556 *Macrorhamphosus scolopax* (Linneaus 1758)
0557 *Melamphaes suborbitalis* (Gill 1884)
0559 *Myctophum selenops* (Taaning 1928)
0561 *Nansenia oblita* (Facciola 1887)
0562 *Nemichthys curvirostris* (Stromman 1896)
0563 *Neoepinnula orientalis* (Gilchrist & VonBonde 1924)
0564 *Opisthoproctus soleatus* (Vaillant 1888)
0565 *Paralepis* sp.
0566 *Photonectes* sp.
0567 *Neoconger* sp.
0568 *Poecilopsetta* sp.
0569 *Poromitra* sp.
0570 *Scopelarchus michaelsarsi*(Koefoed 1955)
0571 *Scopelogadus* sp.
0572 *Scopelosaurus* sp.
0573 *Squaliolus laticaudus* (Smith and Radcliffe 1912)
0574 *Stomias brevibarbatus* (Ege 1918)

0575	Stylephorus chordatus (Shaw 1791)
0576	Synagrops bella (Goode and Bean 1896)
0577	Zenion hololepis (Goode and Bean 1896)
0578	Chaetodon sp.
0579	Ariosoma balearicum (Delaroche 1809)
0580	Peristedion sp.
0581	Bathyclupea argentea (Goode and Bean 1896)
0582	Epigonus occidentalis (Goode and Bean 1896)
0583	Aristostomias photodactylus (Beebe 1933)
0584	Acanthurus sp.
0585	Coryphaena equiselis
0586	Parablennius marmoreus
0587	Epigonus pandionis
0588	Scopelosaurus lepidus (Krefft & Maul 1955)
0589	Raja bigelow (Stehmann 1978)
0591	Breviraja spinosa (Bigelow & Schroeder 1950)
0597	Blenniidae sp. - Blennies
0599	Ammodytes americanus DeKay 1842 - American Sand Lance
0600	Anguilla rostrata (LeSueur 1817) - American Eel
0601	Simenchelys parasiticus Gill 1879 - Snubnose Eel
0602	Synaphobranchus kaupi Johnston 1862 - Gray's Cutthroat Eel
0603	Lycenchelys verrilli (Goode and Bean 1877) - Wolf Eelpout
0604	Nemichthys scolopaceus Richardson 1848 - Slender Snipe Eel
0605	Blennies, Shannies, Gunnels - OBSOLETE (see 0644)
0606	Gymnothorax funebris Ranzani 1840 - Green Moray
0607	Nessorhamphus ingolfianus (Schmidt 1930) - Duckbill Oceanic Eel
0608	Conger oceanicus (Mitchill 1818) - Conger Eel
0609	Ophichthus cruentifer (Goode and Bean 1896) - Margined Snake Eel
0610	Ammodytes dubius Reinhardt 1838 - Northern Sand Lance
0611	Ammodytes sp.- Sand Lance (sand eels) Unidentified
0612	Derichthys serpentinus Gill 1884 - Neck Eel
0613	Serrivomer beani Gill and Ryder 1883 - Stout Sawpalate
0614	Eurypharynx pelecanoides Vaillant 1882 - Pelican Gulper
0615	Lipogenys gillii Goode and Bean 1896 - Backfin Tapirfish
0616	Gymnelis viridis (Fabricus 1780) - Fish Doctor
0617	Lycenchelys paxillus (Goode and Bean 1879) - Common Wolf Eel
0618	Lycenchelys sarsi (Collett 1871) - Sar's Wolf Eel
0619	Lycodes terraenova Jensen 1902 - Newfoundland Eelpout
0620	Lycodes lavalaei Vladykov and Tremblay 1936 - Laval`s Eelpout
0621	Pholis gunnellus (Linnaeus 1758) - Rock Gunnel
0622	Lumpenus lumpretaeformis (Walbaum 1792) - Snakeblenny
0623	Lumpenus maculatus (Fries 1837) - Daubed Shanny
0624	Stichaeus punctatus (Fabricius 1780) - Arctic Shanny
0625	Ulvaria subbifurcata (Storer 1839) - Radiated Shanny
0626	Eumesogrammus praecisus (Kroyer 1837) - Fourline Snakeblenny
0627	Lycodes pallidus Collett 1879 - Pale Eelpout
0628	Lycodes polaris Bean 1878 - Polar Eelpout
0629	Chirolophus ascanii (Walbaum 1792) - Yarrell's Snakeblenny
0630	Cryptacanthodes maculatus Storer 1839 - Wrymouth/Ghostfish
0631	Lumpenus fabricii (Valenciennes 1836) - Slender Eelblenny
0632	Lumpenus medius (Reinhardt 1838) - Stout Eelblenny
0633	Pholis fasciata (Bloch and Schneider 1801) - Banded Gunnel
0637	Callionymus agassizi Goode and Bean 1888 - Spotfin Dragonet
0638	Serrivomer brevidentatus Roule and Bertin 1929
0640	Macrozoarces americanus (Bloch and Schneider 1801) - Common Ocean Pout
0641	Lycodes reticulatus Reinhardt 1838 - Arctic Eelpout
0642	Lycodes sp.- Eelpout
0643	Lycodes esmarki Collett 1875 - Vachon's Eelpout
0646	Melanostigma atlanticum Koefoed 1952 - Atlantic Softpout
0647	Lycodes vahlii Reinhardt 1838 - Shorttailed or Vahl's Eelpout
0650	Lepophidium cervinum (Goode and Bean 1885) - Fawn Cusk Eel
0651	Anguilla anguilla Shaw 1803 - European Eel
0653	Callionymus bairdi Jordan 1887 - Lancer or Coral Dragonet
0654	Ophidion selenops Robins and Bohlke 1959 - Mooneye Cusk Eel
0656	Serrivomer sp.
0657	Callionymus sp.
0658	Callionymus pauciradiatus Gill xxxx - Spotted Dragonet
0659	Facciolella sp. - Witch Eels
0661	Hemanthias vivanus (Jordan and Swain xxxx) - Red Barbier
0663	Diplectrum sp.
0664	Mycteroperca sp.
0666	Lestidium atlanticum xxxx
0667	Vinciguerria poweriae (Cocco 1838)
0668	Anthias sp.

0670	*Eustomias fissibarbis* (Pappenheim 1914)
0671	*Vinciguerria attenuata* (Cocco 1878)
0672	*Pontinus* sp.
0673	*Synagrops spinosa* Schultz 1940
0674	*Paralepis coregonoides* Risso 1820
0675	*Syngnathus dunckeri* Metzelaar 1919 - Pugnose Pipefish
0676	*Syngnathus springeri* Herald 1942 - Bull Pipefish
0677	*Epigonus denticulatus* Dieuzeide 1950
0678	*Hemiramphus brasiliensis* (Linnaeus 1758) - Ballyhoo
0679	*Valenciennellus tripunctulatus* (Esmarck 1871)
0681	*Scopelarchus analis* (Brauer 1902)
0682	*Hirundichthys affinis* (Gunther 1878) - Fourwing Flyingfish
0684	*Vinciguerria nimbaria* (Jordan and Williams 1895)
0685	*Apogon pseudomaculatus* Longley xxxx - Two Spot Cardinalfish
0686	*Melamphaes* sp.
0688	*Lestidiops jayakari* (Boulenger 1889)
0690	*Bregmaceros* sp.
0691	*Sudis hyalina* Rafinesque 1810
0693	*Symphurus minor* Ginsburg 1951 - Largescale Tonguefish
0695	*Diplectrum formosum* (Linnaeus 1766) - Sand Perch
0696	*Cyclothone acclinidens* Garman 1899
0698	*Epinephelus niveatus* (Cuvier and Valenciennes 1828) - Snowny Grouper
0699	*Polyprion americanus* (Bloch and Schneider 1801) - Atlantic Wreckfish
0700	*Argyropelecus aculeatus* Cuvier and Valenciennes 1849 - Atlantic Silver Hatchetfish
0701	*Peprilus triacanthus* (Peck 1804) - Butterfish
0702	*Syngnathus fuscus* Storer 1839 - Northern Pipefish
0703	*Syngnathus pelagicus* Linnaeus 1766 - Pelagic Pipefish
0704	*Zenopsis ocellata* (Storer 1858)- American John Dory
0705	*Argyropelecus gigas* Norman 1903
0706	*Argyropelecus hemigymnus* Cocco 1829
0707	*Argyropelecus lychnus lychnus* Garman 1899
0708	*Polyipnus asteroides* Schultz 1938
0709	*Sternoptyx diaphana* Hermann 1781 - Transparent Hatchetfish
0710	*Alepisaurus ferox* Lowe 1833 - Longnose Lancetfish
0711	*Paralepis atlantica* Kroyer 1868 - Short Barracudina
0712	*Notolepis rissoi kroyeri* (Lutken 1892) - White Barracudina
0714	*Benthodesmus elongatus simonyi* (Steindachner 1891) - Frostfish
0716	*Borostomias antarcticus* (Lonnberg 1905) - Straightline Dragonfish
0717	*Grammatostomias dentatus* Goode and Bean 1895 - Torpedo Dragonfish
0718	*Melanostomias spilorhynchus* Regan and Trewavas 1930 - Bluenose Dragonfish
0719	*Odontostomias* sp.
0720	*Scomberesox saurus* (Walbaum 1792) - Atlantic Saury
0721	*Trigonolampa miriceps* Regan and Trewavas 1930 - Threelight Dragonfish
0722	*Bathophilus metallicus* (Welsh 1923)
0723	*Idiacanthus fasciola* Peters 1876 - Ribbon Sawtailfish
0724	*Alepocephalus bairdii* (Goode and Bean 1879) - Baird's Smoothhead
0725	*Xenodermichthys copei* Vaillant 1888 - Atlantic Gymnast
0726	*Mentodus rostratus* (Gunther 1878)
0727	*Notolepis rissoi* (Bonaparte 1841) - White Barracudina
0728	*Paralepis atlantica atlantica* Kroyer 1891 - Short Barracudina
0729	*Omosudis lowei* Gunther 1887
0730	*Mola mola* (Linnaeus 1758) - Ocean Sunfish
0731	*Alepisaurus brevirostris* Gibbs 1960 - Shortnose Lancetfish
0732	*Anotopterus pharao* Zugmayer 1911 - Daggertooth
0733	*Evermannella* sp.
0734	*Cypselurus furcatus* (Mitchill 1815) - Spotfin Flyingfish
0735	*Cypselurus heterurus* (Rafinesque 1810) - Atlantic Flyingfish
0736	*Hirundichthys rondeletti* (Valenciennes 1846) - Blackwing Flyingfish
0737	*Hyporhamphus* sp. - Common Halfbeak
0738	*Fundulus diaphanus* (LeSueur 1817) - Banded Killifish
0739	*Polyacanthonotus rissoanus* (deFilippi and Verany 1859) - Shortspine Tapirfish
0740	*Notacanthus chemnitzi* Bloch 1788 - Spiny Eel
0742	*Dibranchus atlanticus* Peters 1875 - Atlantic Batfish
0743	*Hyperoglyphe perciformis* (Mitchill 1818) - American Barrelfish
0744	*Polymixia nobilis* Lowe 1838 - Stout Beardfish
0746	*Sphoeroides maculatus* (Bloch and Schneider 1801) - Northern Puffer
0747	*Coryphaena hippurus* Linnaeus 1758 - Dolphins
0749	*Conocara salmonea* (Gill and Townsend 1897) - Slickhead
0750	*Howella brodiei* Ogilby 1899 - Cardinalfish
0751	*Pontinus rathbuni* Goode and Bean 1896 - Highfin Scorpionfish
0752	*Pollichthys mauli* Grey 1959 - Maul's Anglemouth
0753	*Cyclothone alba* Brauer 1906 - Albino Anglemouth
0754	*Cyclothone braueri* Jesperson and Taning 1926 - Brauer's Anglemouth
0755	*Cyclothone* sp.- Anglemouth Unidentified

0756 *Stomias* sp.- Dragonfish Unidentified
0757 *Physiculus fulvus* Bean 1884 - Little Morid
0758 *Lobianchia dofleini* (Zugmayer 1911) - Doflein's Lanternfish
0759 *Syngnathus* sp.- Pipefish Unidentified
0760 *Melanocetus johnsoni* Gunther 1864
0761 *Chaenophryne longiceps* Parr 1927
0762 *Dolopichthys allector* Garman 1899
0763 *Lasiognathus beebei* Regan and Trewavas 1932
0764 *Leptacanthichthys gracilispinis* (Regan 1925)
0765 *Lophodolus acanthognathus* Regan 1925
0766 *Microlophichthys microlophus* (Regan 1925)
0767 *Oneirodes eschrichtii* Lutken 1871
0768 *Oneirodes* sp.
0769 *Fundulus heteroclitus* (Linnaeus 1766) - Mummichog
0770 *Menidia menidia* (Linnaeus 1766) - Atlantic Silverside
0771 *Polymixia lowei* Gunther 1859 - Beardfish
0772 *Diretmus argenteus* Johnson 1863 - Spinyfin
0773 *Gephyroberyx darwini* (Johnson 1866)
0774 *Anoplogaster cornuta* (Cuvier and Valenciennes 1833) - Ogrefish
0775 *Beryx decadactylus* Cuvier and Valenciennes 1829 - Alfonsin a Casta Larga
0776 *Beryx splendens* Lowe 1833 - Alfonsin a Casta
0777 *Xenolepidichthys americanus* Nichols and Firth 1939 - Grammicolepid
0778 *Lampris guttatus* (Bonaterre 1788) - Opah
0779 *Hippocampus erectus* Perry 1810 - Lined Seahorse
0780 *Fistularia tabacaria* Linnaeus 1758 - Bluespotted Cornetfish
0781 *Apogon maculatus* (Poey 1860) - Flamefish
0782 *Apogon sellicauda* Evermann and Marsh 1902
0783 *Howella sherborni* (Norman 1930) - Sherborn's Cardinalfish
0784 *Aphanopus carbo* Lowe 1839 - Black Scabbardfish
0785 *Ariomma bondi* Fowler 1930 - Silver Rag
0786 *Schedophilus medusophagus* Cocco 1839 - Cornish Blackfish/Brown Ruff
0787 *Centrolophus niger* (Gmelin 1788) - Black Ruff
0788 *Nomeus gronovii* (Gmelin 1788) - Man-of-War Fish
0789 *Psenes maculatus* Lutken 1880 - Silver Driftfish
0790 *Tetragonurus atlanticus* Lowe 1843 - Bigeye Squaretail
0791 *Tetragonurus cuvieri* Risso 1810 - Smalleye Squaretail
0792 *Lagocephalus lagocephalus* Linnaeus 1758 - Oceanic Puffer
0793 *Chilomycterus schoepfi* (Walbaum 1792) - Striped Burrfish
0794 *Lactophrys trigonus* (Linnaeus 1758) - Trunkfish
0795 *Scopelogadus beanii* (Gunther 1887) - Bean's Bluejack
0796 *Scopeloberyx opisthopterus* (Parr 1933)
0797 *Poromitra megalops* (Lutken 1877)
0798 *Melamphaes microps* (Gunther 1878)
0799 *Poromitra capito* Goode and Bean 1882
0800 *Poromitra crassiceps* (Gunther 1878)
0801 *Trachinocephalus myops* (Forster 1801) - Snakefish
0803 *Rachycentron canadum* (Linnaeus 1766) - Cobia
0805 *Symphurus* sp. - Tonguefish
0806 *Dactylopterus volitans* (Linnaeus 1758) - Flying Gurnard
0807 *Saurida normani* Longley 1935 - Shortjaw Lizardfish
0808 *Synodus synodus* (Linnaeus 1758) - Red Lizardfish
0809 *Lactophrys triqueter* (Linnaeus 1754) - Smooth Trunkfish
0810 *Amphelikturus dendriticus* (Barbour xxxx) - Pipehorse
0812 *Synodus* sp.
0813 *Ariomma* sp.
0814 *Bathysaurus ferox* Gunther 1878
0815 *Eutaeniophorus* sp.
0816 *Symphurus pterospilotus* Ginsburg 1951 - Tonguefish
0817 *Leptostomias* sp.
0818 *Aristostomias tittmanni* xxxx
0820 *Cubiceps pauciradiatus*
0822 *Psenes pellucidus* Lutken xxxx - Bluefin Driftfish
0823 *Sargocentron bullisi*
0824 *Benthodesmus tenuis*
0825 *Stomias affinis*
0826 *Canthidermis"* sufflamen *(Mitchill xxxx) - Ocean Triggerfish*
0827 *Sphoeroides* sp.
0828 *Holanthias martinicensis* (Guichenot xxxx) - Roughtongue Bass
0829 *Paraconger caudilimbatus* (Poey XXXX) Margintail conger
0830 *Acanthocybium solanderi* (Cuvier xxxx) - Wahoo
0831 *Bregmaceros macclellandi* (Thompson 1840)
0832 *Saurida carribbea* (Breder)
0833 *Saurida brasiliensis* (Norman)
0834 *Etrumeus sadina* (Bertin)

0835 Makaira indica (Cuvier xxxx) - Black Marlin
0836 Anchoa lamprotaenia (Hildebrand)
0837 Albula sp.
0838 Gordiichthys leibyi
0839 Letharchus aliculatus - Sailfin eel
0840 Tetrapturus pfluegeri Robins and deSylva - Longbill Spearfish
0841 Lampetra japonica (Martens)
0842 Lampetra lamottei (Lesueur)
0843 Jenkinsia lamprotaenia (Gosse)
0844 Halieutichthys aculeatus (Mitchell)
0845 Lycodes eudipleurostictus Jensen 1901
0846 Thunnus atlanticus
0847 Eustomias braueri
0848 Eustomias longibarba
0849 Eustomias silvescens
0850 Scopelosaurus mauli Bertelsen, Krefft and Marshall 1976
0851 Carassius auratus (Linnaeus)
0852 Chrosomus eos (Cope)
0853 Chrosomus neogaeus (Cope)
0854 Couesius plumbeus (Agassiz) Lake Chub
0856 Notemigonus crysoleucas (Mitchell)
0857 Eustomias simplex
0858 Pachystomias microdon
0859 Melanostomias sp.
0860 Bolinichthys sp.
0861 Hygophum sp.
0862 Dicrolene intronigra (Goode & Bean 1883)
0863 Bathypterois quadrifilis (Gunther 1878)
0864 Lycodes atlanticus
0865 Aldrovandia phalacra (Vaillant 1888)
0866 Xenolepidichthys dalgleishi (Gilchrist)
0867 Gigantactis vanhoeffeni (Brauer 1902)
0868 Paraliparis calidus (Cohen 1968)
0869 Paraliparis garmani (Burke 1912)
0870 Monomitopus agassizi (Goode & Bean 1896)
0871 Scopelogadus mizolepis (Gunther 1878)
0872 Melanostomias melanopogon (Regan and Trewavas 1930)
0873 Rypticus sp.
0874 Leptostomias gladiator
0875 Astronesthes gemmifer
0876 Stemonosudis intermedia
0877 Nesiarchus nasutus
0878 Epigonus sp.
0879 Epinephelus morio (Valenciennes 1828) Red Grouper
0880 Artediellus atlanticus (Jordan & Evermann 1898)
0881 Myctophum obtusirostre
0882 Lampanyctus cuprarius
0883 Gonostoma bathyphilum
0884 Neonesthes capensis
0885 Rhadinesthes decimus
0886 Zu cristatus
0887 Chiasmodon bolangeri
0888 Epigonus telescopus
0889 Searsia koefoedi
0890 Amia calva (Linnaeus)
0894 Sternoptyx pseudobscura
0895 Photostylus pycnopterus
0896 Einara edentula
0897 Synagrops sp.
0898 Taractes asper
0899 Epinephelus sp.
0901 Ectreposebastes imus
0903 Linophryne brevibarbis
0904 Edriolychnus schmidti
0905 Linophryne macrodon
0906 Uncisudis longirostris
0907 Paralepis brevirostris
0908 Astronesthes micropogon
0909 Chiasmodon sp.
0911 Trachipterus trachipterus
0912 Argyropelecus sladeni
0913 Avocettina infans
0914 Holtbyrnia anomala
0915 Normichthys operosus

0916	*Bathophilus chironema*
0917	*Melamphaes leprus*
0918	*Bathophilus longipinnis*
0919	*Scopeloberyx nigrescens*
0923	*Leptostomias longibarba*
0924	*Careproctus ranulus* - Sea Tadpole
0925	*Melanostomias bartonbeani*
0926	*Scombrolabrax heterolepis*
0927	*Gempylus serpens*
0928	*Argyropelecus* sp.
0929	*Gonostoma atlanticum*
0934	*Photostomias* sp.
0935	*Diplophos maderensis*
0936	*Chaenophryne draco*
0937	*Macroparalepis nigra*
0938	*Evoxymetopon taeniatus*
0939	*Lampadena anomala*
0940	*Brotula barbata*
0941	*Grammatostomias flagellibarba*
0942	*Polymetme corythaeola*
0943	*Melanostomias valdiviae*
0944	*Trachinotus falcatus* (Linnaeus)
0947	*Apristurus laurussoni*
0948	*Astronesthes* sp.
0949	*Borostomias* sp.
0950	*Otophidium omostigmum* (Jordan & Gilbert)
0953	*Carapid* sp.
0954	*Gonostoma denudatum*
0955	*Melanocetus murrayi*
0956	*Melanostomias melanops*
0957	*Photonectes braueri*
0958	*Taractes* sp.
0959	*Ultimostomias mirabilis*
0960	*Caranx* sp.
0961	*Searsiid* sp.
0962	*Danaphryne nigrifilis*
0963	*Rouleina maderensis*
0964	*Eustomias polyaster*
0965	*Carcharhinus limbatus* (Valenciennes)
0967	*Raia garmani*
0969	*Raia lentiginosa*
0970	*Eustomias* sp.

Appendix F

Numerical Listing of Invertebrates by Code Number

	Abraliopsis sp.
	Alloposus mollis Verrill 1880
	Ancistrocheirus sp.
	Architeuthis dux Steenstrup 1857
	Bathyteuthis abyssicola Hoyle 1885
	Benthoctopus piscatorum (Verrill 1879)
	Brachioteuthis riisei (Steenstrup 1882)
	Brachioteuthis beani Verrill 1885
	Calocalanus sp.
	Chiroteuthis lacertosa Verrill 1881
	Cirrothauma mulleri Eschricht 1838
	Cirrothauma murrayi Chun 1911
	Cranchia scabra Leach 1817
	Ctenopteryx sicula (Verany 1851)
	Egea inermis Joubin 1833
	Eledonella pygmaea Verrill 1884
	Galiteuthis armata Joubin 1889
	Gonatus fabricii (Lichtenstein 1818)
	Gonatus steenstrupii Kristensen 1981
	Graneledone verrucosa (Verrill 1881)
	Hyaloteuthis pelagica (Bosc 1802)
	Japetella diaphana Hoyle 1885
	Lampadioteuthis megaleia Berry !916
	Leachia atlantica (Degner 1925)
	Liocranchia reinhardti (Steenstrup 1856)
	Mastigoteuthis agassizi Verrill 1881
	Mastigoteuthis cordiformis Chun 1913
	Mastigoteuthis hjorti Chun 1913
	Moroteuthis equatorialis Thiele 1921
	Neopanope sayi (Smith 1869) - Black Fingered Mud Crab
	Octopoteuthis megaptera Verrill 1885
	Octopoteuthis sicula Ruppell 1884
	Octopus defillippi Verany 1851
	Ocythoe tuberculata Rafinesque 1814
	Onychoteuthis banksi (Leach 1817)
	Onykia caribaea LeSueur 1821
	Opistoteuthis agassizi Verrill 1883
	Ornithoteuthis antillarum Adam 1957
	Pholidoteuthis adami Voss 1956 - Scale Skin Squid
	Priaplus caudatus (Lamarck xxxx)
	Pterygioteuthis gemmata Chun 1908
	Pterygioteuthis giardi Fischer 1895
	Pyroteuthis margaritifera (Ruppell 1844)
	Selenoteuthis scintillans Voss 1958
	Spirula spirula (Linnaeus 1758) - Common spirula *note: shell only
	Stoloteuthis leucoptera Verrill 1881 - Butterfly Squid
	Taonius pavo (LeSueur 1821)
	Tetronychoteuthis dussumieri (Orbigny 1839)
	Teuthowenia megalops Prosch 1849
	Thelidioteuthis alessandrini (Verany 1851)
	Tremoctopus violaceous delle Chiaje 1830 - Common Umbrella Octopus
	Vampyroteuthis infernalis Chun 1903
1701	Marine Invertebrates Non-specified
1725	Allogromia sp.
1820	Ascidea sp. Adult
1821	Ascidea sp. - Sea Squirt
1822	Dendrodoa sp. - Gooseberry Sea Squirts
1823	Boltenia sp. - Sea Potato
1824	Pelonaia sp.
1825	Ascidia sp. Larvae
1826	Molgula manhattensis (DeKay 1843) - Sea Grapes
1827	Halocynthia pyriformis (Rathke 1806) - Sea Peach
1828	Amphioxus sp. - Sand Blister *16
1831	Oikopleura sp.
1931	Rhynchonella sp.
1932	Terebratulina sp.
2210	Pandalus sp. - Boreal Red Shrimps

2211	Pandalus borealis Kroyer 1838 - Northern Shrimp
2212	Pandalus montagui Leach 1813 - Aesop Shrimp
2213	Pandalus propinquus G. O. Sars 1869
2214	Dichelopandalus leptoceras (Smith 1881)
2215	Dichelopandalus sp.
2220	Pasiphaea tarda Kroyer 1845 - Shrimp
2221	Pasiphaea multidentata Esmarck 1866 - Pink Glass Shrimp
2245	Palaemonetes vulgaris (Say 1818) - Common Shore Shrimp, Common Prawn
2309	Hippolyte zostericola (Smith 1873) - Eel Grass Shrimp
2310	Spirontocaris sp.
2311	Spirontocaris fabricii (Kroyer) - OBSOLETE
2312	Lebbeus polaris (Sabine 1821)
2313	Spirontocaris lilljeborgii (Danielssen 1859) - Friendly Spine Shrimp
2314	Spirontocaris macilenta - OBSOLETE
2315	Spirontocaris phippsii (Kroyer 1841)
2316	Spirontocaris spinus (Sowerby 1805) - Parrot Shrimp
2317	Eualus pusiolus (Kroyer 1841)
2318	Caridion gordoni (Bate 1858)
2319	Lebbeus groenlandicus (Fabricus 1775)
2320	Lebbeus sp.
2321	Lebbeus zebra (Leim 1921)
2330	Eualus sp.
2331	Eualus macilentus (Kroyer 1842) - Greenland Shrimp
2332	Eualus fabricii Kroyer 1841
2333	Eualus gaimardii (H. Milne Edwards 1837)
2351	Podon sp.
2352	Evadne sp.
2401	Snapping Shrimp - OBSOLETE
2410	Argis sp.
2411	Argis dentata (Rathbun 1904)
2412	Pontophilus brevirostris Smith 1881 - Rock Shrimp
2413	Sclerocrangon sp.
2414	Sclerocrangon boreas (Phipps 1774) - Red Sand Shrimp
2415	Pontophilus norvegicus
2416	Crangon sp.
2417	Crangon septemspinosa Say 1818 - Sand Shrimp
2420	Sabinea sp.
2421	Sabinea septemcarinata (Sabine 1824)
2511	Cancer borealis Stimpson 1859 - Jonah Crab
2512	Callinectes sapidus Rathbun 1896 - Blue Crab
2513	Cancer irroratus Say 1817 - Atlantic Rock Crab
2514	Limulus polyphemus (Linnaeus xxxx) - American Horse Shoe Crab
2520	Hyas sp. - Toad Crabs (NS)
2521	Hyas coarctatus Leach 1815 - Toad Crab
2522	Chionoecetes sp. - Spider/Queen, Snow Crab - OBSOLETE
2523	Lithodes maia (Linnaeus 1758) - Northern Stone Crab
2524	Cancer sp.
2525	Lithodes and Neolithodes sp. - Spiny Crab
2526	Chionoecetes opilio (Fabricius 1780) - Snow/Queen Crab
2527	Hyas araneus (Linnaeus 1758) - Toad Crab
2528	Neolithodes grimaldi Milne-Edwards and Bouvier 1894 - Spiny Spider Crab
2529	Calappa megalops
2531	Carcinus maenas (Linnaeus 1758) - Green Crab
2532	Geryon quinquedens Smith 1879 - Deep Sea Red Crab
2533	Lyreidus bairdii
2535	Spirorbis sp.
2536	Erichthonius rubricornis
2537	Unciola irrorata (Say 1818)
2541	Axius serratus Stimpson 1852
2550	Homarus americanus H. Milne Edwards 1837 - Lobster
2551	Homarus americanus Larvae
2555	Munida iris A. Milne Edwards 1880
2556	Munida valida
2558	Pagurus politus (Smith 1882)
2561	Pagurus sp.
2562	Pagurus acadianus Bendict 1901 - Acadian Hermit Crab
2563	Pagurus kroyeri Stimpson 1859 - OBSOLETE
2564	Pagurus pubescens Kroyer 1838
2566	Munidopsis curvirostra Whiteaves 1874
2567	Calocaris macandreae Bell 1853
2568	Pagurus arcuatus
2605	Limacina sp.
2611	Meganyctiphanes norvegica (M. Sars 1857) - Horned Krill Shrimp
2612	Euphausia sp.

2613	Euphausia krohni (Brandt 1851)
2620	Thysanoessa sp.
2621	Thysanoessa raschii M. Sars 1863
2622	Thysanoessa inermis (Kroyer 1846)
2623	Thysanoessa longicaudata (Kroyer 1846)
2624	Thysanoessa acutifrons xxxx
2710	Mysis sp.
2711	Mysis stenolepis S. I. Smith 1873 - Opossum Shrimp
2712	Mysis mixta Lilljeborg 1852
2713	Mysis gaspensis Tattersall 1955
2714	Mysis occulata
2721	Pseudomma affine G. O. Sars 1870
2722	Pseudomma truncatum S. I. Smith 1879
2731	Erythrops erythropthalma (Goes 1863)
2732	Meterythrops robustus S. I. Smith 1879
2733	Stilomysis grandis (Goes 1863)
2734	Neomysis americana (S. I. Smith 1873)
2735	Boreomysis tridens G. O. Sars 1870
2790	Pardalisca sp.
2791	Pardalisca cuspidata
2792	Pardalisca tenuipes
2801	Hyperia medusarum
2802	Hyperia oculata
2803	Arrhis phyllonyx
2804	Neohela monstrosa
2805	Paramphithoe hystrix Bruzelius 1858
2808	Maera sp.
2809	Parathemisto sp.
2810	Hyperia sp.
2812	Melita dentata (Kroyer 1842)
2813	Casco bigelowi (Shoemaker 1930)
2814	Melita sp.
2815	Stenothoe brevicornis
2816	Haploops sp.
2817	Dulichia spinosissima
2818	Dulichia monacantha
2820	Gammarus sp.
2821	Ceradocus torelli (Goes 1866)
2822	Leptocheirus pinguis (Stimpson 1853) - Purple Amphi
2823	Unciola sp. - Red Amphi
2824	Red Isopod
2825	Maera loveni (Bruzelius 1859)
2826	Pleustes medius
2827	Dulichia sp.
2828	Tiron sp.
2829	Hippomedon serratus Holmes 1903
2831	Orchomenella sp.
2832	Tmetonyx sp.
2833	Anonyx sp.
2834	Orchomonella pinguis (Boeck 1861)
2835	Hippomedon denterulatus (Bate xxxx)
2836	Hippomedon propinquus G. O. Sars 1890
2837	Tmetonyx cicada (Fabricius 1780)
2838	Hippomedon sp.
2839	Unciola inermis
2842	Paroediceros sp.
2843	Lilljeborgia sp.
2844	Anonyx sarsi
2846	Rhachotropis sp.
2847	Rhachotropis inflata (G. O. Sars 1882)
2848	Rhachotropis aculeata Lepectin 1778
2849	Harpinia propinqua Sars 1895
2851	Syrrhoe sp.
2852	Harpinia sp.
2853	Phoxocephalus holbolli
2854	Phoxocephalus sp.
2856	Haploops laevis xxxx
2857	Ampelisca agassizi (Judd 1896) - Four Eyed Amphipod
2858	Ampelisca sp.
2859	Gammaropsis maculatus
2861	Rozinante fragilis (Goes 1866)
2862	Harpinia crenulata Boeck xxxx
2863	Byblis serrata
2864	Ampelisca macrocephala

2866	*Neopleustes pulchellus* Kroyer xxxx
2867	*Pleustes panopla* (Kroyer 1838)
2868	*Anonyx lilljeborgi*
2869	*Orchomonella minuta*
2871	*Caprella linearis* (Linnaeus 1767)
2872	*Caprella septentrionalis* Kroyer 1838
2873	*Aeginina longicornis* (Kroyer 1842)
2874	*Caprella* sp.
2875	*Halirages fulvocinctus* (Sars 1854)
2876	*Haliragoides inermis*
2877	*Syrrhoe crenulata*
2878	*Ischyroceros anguipes*
2879	*Monoculodes borealis*
2881	*Monoculodes* sp.
2882	*Paroediceros lynceus* (M. Sars 1858)
2883	*Paroediceros propinquis* (Goes 1866)
2884	*Paroediceros longimanus* (M. Sars 1858)
2885	*Monoculodes edwardsi* (Holmes 1905)
2886	*Monoculodes latimanus*
2887	*Rhachotropis oculata*
2890	*Ischyroceros* sp.
2891	*Nymphon longitarse* Kroyer 1844
2892	*Nymphon macrum* - Wilson 1880
2893	*Nymphon* sp.
2895	*Priscillina armata*
2896	*Anurida maritima* (Guerin xxxx)
2898	*Dyopedos porrectus*
2899	*Clausocalanus* sp.
2903	*Hyperia galba* (Montagu 1813) - Big Eyed Amphipod
2904	*Parathemisto compressa* (Goes 1865)
2907	*Parathemisto oblivia* (Kroyer 1838)
2908	*Monstrilla* sp.
2909	*Paracalanus*, *Clausocalanus* and *Calocalanus* sp.
2910	*Calanus* sp.
2911	*Calanus finmarchicus* (Gunnerus 1765)
2912	*Calanus hyperboreus* Kroyer 1838
2913	*Candacia* sp.
2914	*Centropages* sp.
2915	*Candacia armata* (Boeck 1872)
2916	*Centropages bradyi* Wheeler 1900
2917	*Pseudocalanus* sp.
2918	*Pseudocalanus elongatus* (Kroyer 1849)
2919	*Temora* sp.
2920	*Oithona* sp.
2921	*Euchaeta norvegica* Boeck 1902
2922	*Euchirella* sp.
2923	*Acartia longiremis* (Lilljeborg 1853)
2924	*Metridia lucens* Boeck 1902
2925	*Metridia longa* (Lubbock 1854)
2926	*Pleuromamma* sp.
2927	*Sphyrion lumpi* (Kroyer 1863)
2928	*Oithona similis* Claus 1913
2929	*Lernaeocera branchialis* (Linnaeus 1767)
2930	*Oithona spinirostris* Claus 1913
2931	*Clavella* sp.
2932	*Paracalanus* sp.
2933	*Metridia* sp.
2934	*Paracalanus parvus* (Claus 1863)
2935	*Centropages typicus* Kroyer 1902
2936	*Temora longicornis* (Muller 1902)
2937	*Microcalanus pusillus* Sars xxxx
2941	*Parathemisto gaudichaudi* (Guerin xxxx)
2942	*Aetideus armatus* (Boeck 1872)
2943	*Caligus* sp.
2946	*Phronima* sp.
2950	*Janira alta* (Stimpson 1853)
2960	*Nebalia bipes* (Fabricius 1780) - Nebalia Shrimp
2961	*Nebalia* sp.
2962	*Eudorella biplicata*
2963	*Eudorella integra*
2965	*Eudorella* sp.
2966	*Eudorella truncatula* (Bate 1856)
2968	*Cirolana* sp.
2971	*Diastylis* sp.

2972 *Diastylis rathkei* (Kroyer 1841)
2973 *Diastylis polita* (S. I. Smith 1879)
2974 *Leptocuma minor* Calman 1912
2975 *Leucon nasicoides* Lilljeborg 1855
2976 *Eudorella emarginata* (Kroyer 1846)
2977 *Campylaspis* sp.
2978 *Diastylis quadrispinosa*
2979 *Eudorella pusilla*
2981 *Aega psora* (Linnaeus 1761)
2982 *Idotea baltica* (Pallas 1772)
2983 *Idotea phosphorea* Harger 1873
2984 *Chiridotea tuftsi* (Stimpson 1853)
2985 *Synidotea nodulosa* (Kroyer 1849)
2986 *Munnopsis typica* M. Sars 1860
2987 *Phryxus abdominalis* (Kroyer 1840)
2988 *Bopyroides hippolytes* (Kroyer 1838)
2989 *Edotea triloba* (Say 1818) - Brown Isopod
2993 *Gnathia cerina* Stimpson xxxx
2994 *Jaera marina* (Fabricius 1780) - Little Shore Isopod
2996 *Idotea* sp.
2997 *Chiridotea* sp.
2998 *Cirolana polita* (Stimpson 1853)
2999 *Calathura branchiata* Stimpson xxxx
3087 *Eteone flava*
3086 *Eteone longa*
3088 *Phyllodoce maculata*
3089 *Phyllodoce mucosa*
3103 *Lumbrineris* sp. - Lumbrinerid Thread Worms
3104 *Nephtys* sp. - Red Lined Worms
3105 *Sternaspis* sp.
3108 *Drilonereis magna* Webster and Benedict 1887 - Arabellid Thread Worm
3109 *Eunice pennata* (Muller 1776)
3110 *Phyllodoce* sp.
3111 *Phyllodoce groenlandica* Oersted 1842
3112 *Eteone* sp. - Paddle Worms
3113 *Eteone trilineata* Webster and Benedict 1887 - Paddle Worm
3116 *Arabella iricolor* Montagu 1804 - Opal Worm
3118 *Lumbrineris tenuis*
3119 *Ninoe nigripes* Verrill 1873
3120 *Goniada maculata* Oersted 1843
3121 *Goniada* sp. - Chevron Worms
3122 *Lumbrineris fragilis*
3123 *Lumbrineris latreilli* (Audoin & Milne Edwards 1833)
3125 *Nicomache canadensis* McIntosh 1913
3127 *Goniada norvegica*
3128 *Exogone verugera" (Claparede 1868)*
3129 *Melinna elizabethae*
3130 *Nereis* sp.
3131 *Nereis pelagica* Linnaeus 1758
3132 *Nereis gravi* (Pettibone 1956)
3135 *Nereis zonata* (Malmgren 1867)
3136 *Potamilla reniformis* Leukart xxxx
3137 *Melinna cristata* (Sars 1851) - Ampharetid worm
3140 *Sabella* sp. - Peacock Worms
3141 *Rhodine* sp.
3142 *Pectinaria gouldii* (Verrill 1873) - Trumpet Worm
3144 *Pectinaria* sp.
3145 *Praxillella* sp.
3147 *Potamilla neglecta* (Sars 1851) - Fan Worm
3148 *Amphitrite* sp. - Terebellid Worm
3149 *Pectinaria granulata* (Linnaeus 1767)
3151 *Terebellides stroemi* (Sars 1835)
3152 *Scalibregma inflatum* (Rathke 1843)
3154 *Samytha sexcirrata* (Sars 1856)
3155 *Anobothrus gracilis* (Malmgren 1866)
3156 *Ophelia limacina* Rathke 1843
3157 *Ophelia acuminuta* Oersted 1843
3159 *Ophelia* sp.
3161 *Arenicola marina* (Linnaeus 1758) - Lugworm
3162 *Aricidea* sp.
3163 *Leiochone* sp.
3165 *Sternaspis scutata* (Ranzani 1817)
3166 *Nothria conchylega* (Sars 1835)
3167 *Scoloplos* sp. - Orbiniid Worms

3168	Chone duneri
3169	Paraonis lyra (Southern 1914)
3171	Pherusa pherusa xxxx - Flabelligerid Worm
3172	Brada sp. - Flabelligerid Worms
3173	Pherusa sp. - Flabelligerid Worms
3174	Diplocirrus hirsutus (Hansen 1879) - Flabelligerid Worm
3176	Ampharete sp.
3177	Ampharete finmarchica
3178	Pherusa affinis
3179	Travisia carnea
3181	Aglaophamus circinata (Verrill 1874)
3182	Nephtys bucera (Ehlers 1868)
3183	Nephtys incisa (Malmgren 1865)
3184	Nephtys caeca
3186	Brada villosa
3187	Exogone sp.
3188	Arabella sp
3191	Thelepus cincinnatus
3192	Amphitrite affinis
3193	Amphitrite cirrata
3196	Owenia fusiformis (delle Chiaje 1844)
3197	Streblosoma spiralis
3200	Aphrodita hastata Moore 1905 - Sea Mouse
3211	Aphrodita aculeata Linnaeus 1761 - OBSOLETE
3212	Aphrodita sp.
3221	Echone sp.
3222	Euchone sp.
3311	Echiurus echiurus (Pallas 1766)
3312	Themiste sp.
3313	Phascolosoma gouldii (Pourtales 1851) - Gould`s Sipunculid
3314	Phascolion strombi
3320	Phascolosoma sp.
3451	Priapulus caudatus Lamarck 1816
3501	Lepidonotus squamatus (Linnaeus 1758) - Twelve Scaled Worm
3502	Gattyana sp.
3503	Harmothoe sp.
3504	Harmothoe imbricata
3505	Harmothoe extenuata
3550	Glycera sp. - Blood Worms
3551	Glycera capitata Oersted 1843 - Blood Worm
3700	Sipunculus sp.
3701	Golfingia sp.
4201	Amphissa haliaeeti (Jeffreys 1867) - Atlantic Amphissa
4202	Puncturella noachina (Linne 1771) - Linne's Puncturella
4210	Buccinum sp. Whelks
4211	Buccinum undatum Linnaeus 1761 - Northern Buccinum
4212	Buccinum scalariforme Moller 1842 - Silky Buccinum
4216	Propebela cancellata Mighels and Adams 1842 - Cancellate Lora
4221	Lunatia heros (Say 1822) - Common Northern Moonshell
4222	Natica clausa Broderip and Sowerby 1829 - Little Moonshell
4223	Margarites cinera (Gould 1841) - Ridged Top Shell - OBSOLETE
4224	Margarites costalis (Gould 1841) - Northern Rosy Top Shell
4225	Margarites groenlandica (Gmelin 1791) - Wavy Top Shell
4227	Neptunea decemcostata (Say 1826) - New England Neptune
4228	Colus sp.- Spindle Shell
4229	Turritellopsis sp.
4230	Aporrhais sp. - Duck or Pelican Foot
4231	Nucella lapillus (Linnaeus 1758) - Atlantic Dog Winkle
4232	Ilyanassa obsoleta (Say 1882) - Mud Snail
4233	Nassarius trivittatus (Say 1822) - Dog Whelk
4240	Epitonium sp.
4251	Skeneopsis sp. - Skenes
4252	Velutina laevigata Linnaeus 1767 - Velvet Shell
4254	Margarites helicina (Phipps 1774) - Smooth Top Shell
4256	Philine sinuata Stimpson 1850 - Sinuate Paper Bubble
4257	Cylichna alba (Brown 1827) - Brown's Barrel Bubble
4258	Lunatia triseriata (Say 1826) - Spotted Northern Moonshell
4259	Calliostoma occidentale
4260	Amauropsis islandica
4301	Ensis directus Conrad 1843 - Atlantic Jackknife Clam
4302	Thyasira sp. - Cleft Clams
4303	Tellina sp.
4304	Arctica islandica (Linnaeus 1758) - Ocean Quahog
4305	Pandora gouldiana Dall 1886 - Gould`s Pandora

4306	Cuspidaria glacialis (G. O. Sars 1878) - Glacier Dipper Shell
4307	Astarte undata Gould 1841 - Waved Astarte
4308	Nucula sp.
4309	Mya truncata Linnaeus 1758 - Truncate Soft Shell Clam
4311	Venus mercenaria - Quahaug - OBSOLETE
4312	Cyrtodaria siliqua (Spengler 1793) - Northern Propeller/Bank Clam
4313	Macoma sp.
4314	Pitar morrhuana Gould 1848 - Morrhua Venus
4315	Siliqua sp. - Razor Clams
4316	Astarte sp.
4317	Spisula solidissima (Dillwyn 1817) - Giant Surf Clam
4318	Mya arenaria Linnaeus 1758 - Soft Shell Clam
4319	Hiatella arctica (Linnaeus 1767) - Soft-Shell/Long Neck Clam
4321	Placopecten magellanicus (Gmelin 1791) - Sea Scallop
4322	Chlamys islandicus (Muller 1776) - Iceland Scallop
4323	Mercenaria mercenaria (Linnaeus 1758) - Hard Clam/Northern Quahog
4324	Argopecten irradians (Lamarck 1819) - Bay Scallop
4325	Argopecten gibbus (Linne 1758) - Calico Scallop
4326	Crassostrea virginica (Gmelin 1791) - American Cupped Oyster
4327	Cyrtodaria sp.
4331	Mytilus edulis Linnaeus 1758 - Common Mussels / Blue Mussel
4332	Modiolus modiolus (Linnaeus 1758) - Horse Mussel
4334	Musculus niger (Gray 1824) - Black Mussel
4335	Strombus and Busycon sp. - Conchs
4336	Aequipecten glyptus (Verrill 1882)
4337	Bathyarca pectunculoides
4338	Astarte castanea (Say 182)
4339	Bathyarca sp.
4341	Cardium sp. - Dinocardium, Cerastoderma, Clinocardium sp.
4342	Clinocardium ciliatum (Fabricius 1780) - Iceland Cockle
4343	Serripes groenlandicus (Bruguiere 1789) - Greenland Cockle
4344	Venericardia borealis (Conrad 1831) - Heart Shell
4345	Cerastoderma pinnulatum (Conrad 1831) - Northern Dwarf Cockle
4346	Solemya borealis Totten 1834 - Boreal Awning Clam
4347	Limatula sp.
4351	Nuculana sp.
4352	Nuculana tenuisulcata (Couthouy 1838) - Thin Nut Clam
4353	Nuculana buccata (Steenstrup 1842) - Minute Nut Clam
4354	Yoldia sp.
4355	Spisula polynyma (Stimpson 1860) - Stimpson's Surf Clam
4356	Yoldia sapotilla (Gould 1841)
4361	Nucula tenuis Montagu 1808 - Smooth Nut Clam
4380	Anomia simplex
4381	Anomia sp.
4410	Dendronotus sp.- Bushy Backed Sea Slug
4420	Aeolidia sp. - Plumed Sea Slug
4431	Scaphander punctostriatus Mighels 1841 - Giant Canoe Bubble
4511	Illex illecebrosus (LeSueur 1821) - Short-finned Squid
4512	Loligo pealei LeSueur 1821 - Long Finned Squid
4513	Ommastrephes sp.
4515	Illex sp.
4517	Ornithoteuthis sp.
4518	Ommastrephes bartrami (LeSueur 1821) - Flying Squid
4519	Ommastrephes pteropsus Steenstrup 1855
4522	Semirossia tenera (Verrill 1880) - Atlantic Bobtailed Squid
4523	Rossia hyatti (Verrill 1878) - OBSOLETE
4524	Bathypolypus arcticus (Prosch 1849) - Offshore Octopus
4525	Rossia palpebrosa Owen 1835
4526	Rossia megaptera Verrill 1881
4531	Argonauta argo Linnaeus 1758 - Paper Nautilus
4538	Heteroteuthis dispar (Ruppell 1845)
4541	Loligo sp.
4543	Lampadioteuthis sp.
4544	Selenoteuthis sp.
4547	Enoploteuthis sp.
4548	Enoploteuthis anapsis Roper 1964
4549	Enoploteuthis leptura (Leach 1817)
4550	Abralia sp.
4551	Abralia redfieldi Voss 1955
4552	Abralia veranyi (Ruppell 1844)
4553	Abraliopsis sp.
4554	Abraliopsis pfefferi Joubin 1896
4557	Thelidioteuthis sp.
4559	Pterygioteuthis sp.

4560	*Pyroteuthis* sp.
4562	*Octopoteuthis* sp.
4564	*Onychoteuthis* sp.
4565	*Onykia* sp.
4567	*Chiroteuthis* sp.
4569	*Gonatus* sp.
4571	*Tetronychoteuthis* sp.
4572	*Pholidoteuthis* sp.
4575	*Histioteuthis bonnellii* (Ferussac 1835)
4576	*Histioteuthis celetaria celetaria* (Voss 1960)
4577	*Histioteuthis corona corona* (Voss and Voss 1962)
4578	*Histioteuthis dofleini* (Pfeffer 1912)
4579	*Histioteuthis elongata* (Voss and Voss 1962)
4580	*Histioteuthis reversa* (Verrill 1880)
4582	*Ctenopteryx* sp.
4583	*Brachioteuthis* sp.
4584	*Mastigoteuthis* sp.
4587	*Cranchia* sp.
4588	*Leachia* sp.
4589	*Liocranchia* sp.
4591	*Taonius* sp.
4592	*Teuthowenia* sp.
4593	*Galiteuthis* sp.
4594	*Helicocranchia* sp.
4595	*Megalocranchia* sp.
4596	*Egea* sp.
4611	*Clione limacina* (Phipps 1774) - Comman Clione
4621	*Limacina helicina* (Phipps 1774) - Helicid Pteropod
4622	*Limacina retroversa* (Fleming 1823) - Shelled Seabutterfly
4711	*Amicula vestita* (Broderip and Sowerby 1829) - Concealed Arctic Chiton
4712	*Ischnochiton* sp.
4713	*Tonicella rubra* (Linne 1767) - Red Northern Chiton
4714	*Lepidopleurus cancellatus* (Sowerby 1839) - Arctic Cancellate Chiton
4720	*Chaetoderma* sp.
5011	*Sagitta elegans* Verrill 1873
5012	*Sagitta* sp. - Arrow Worms
5102	*Pycnogonum littorale* (Strom 1762) - Anemone Sea Spider
5201	*Crucibulum striatum* Say 1824 - Cup and Saucer Limpet
6006	*Bathynectes superba*
6110	*Asterias* sp.
6111	*Asterias vulgaris* Verrill 1866 - Purple Starfish
6113	*Leptasterias polaris* (Muller and Troschel 1842) - Polar Sea Star
6115	*Ctenodiscus crispatus* (Retzius 1805) - Mud Star
6117	*Hippasteria phrygiana* (Parelius 1770) - Red Gold-Bordered Sea Star
6119	*Henricia sanguinolenta* (Muller 1776) - Blood Star
6121	*Solaster endeca* (Linnaeus 1771) - Purple Sunstar
6123	*Solaster papposus* (Linnaeus 1780) - Common Sunstar
6125	*Pteraster militaris* (Muller 1776)
6127	*Pentagonaster tosia* xxxx
6128	*Psilaster archaster* xxxx
6129	*Poraniomorpha hispida* Sars xxxx
6130	*Poraniomorpha borealis* Verrill xxxx
6131	*Diplopteraster multipes* (Sars 1865)
6132	*Leptasterias mulleri* (M. Sars xxxx) - Muller's Starfish
6133	*Pontaster* sp.
6134	*Leptasterias tenera* (Stimpson 1862) - Slender-Armed Sea Star
6135	*Astropecten duplicatus* Gray xxxx
6211	*Ophiopholis aculeata* (Linnaeus 1788) - Daisy Brittle Star
6212	*Ophiura* sp.
6213	*Ophiura sarsi* Lutken 1858
6215	*Ophiura robusta* (Ayres 1851)
6217	*Stegophiura nodosa* (Lutken 1858)
6310	*Gorgonocephalus* sp.
6400	*Strongylocentrotus* sp.- Sea Urchins
6411	*Strongylocentrotus droebachiensis* (Muller 1776) - Green Sea Urchin
6412	*Strongylocentrotus echinoides* xxxx
6413	*Brisaster fragilis* (Duben and Koren 1844) - Heart Urchin
6420	*Arabacia* sp.
6421	*Arabacia punctulata* (Lamarck 1816) - Purple Sea Urchin
6511	*Echinarachnius parma* (Lamarck 1816) - Sand Dollar
6611	*Cucumaria frondosa* (Gunnerus 1770) - Large Northern Cucumber
6710	*Psolus* sp.
6711	*Havelockia scabra* Verrill 1873 - Hairy Cucumber
6712	*Thyone unisemita* (Stimpson 1851)

6713	Psolus fabricii (Duben and Koren 1846) - Scarlett Psolus
6714	Thyone sp.
6715	Psolus phantapus (Strussendelt 1765) - Brown Psolus
6716	Duasmodactyla commune (Forbes xxxx)
6717	Caudina arenata Gould 1841
6718	Molpadia sp.
6719	Chiridota laevis (Fabricius 1780)
6720	Molpadia musculus Risso xxxx
6801	Echinocardium cordatum (Pennant xxxx)
7000	Parasites, Round Worms
7110	Porrocaecum sp.
7111	Porrocaecum decipiens (Krappe xxxx)
7113	Contracaecum sp.
7116	Anisakis sp.
8111	Beroe cucumis Fabricius 1780
8113	Pleurobrachia sp.
8210	Physalia pelagica Bosc xxxx - Portuguese Man of War
8311	Metridium senile Linnaeus 1767 - Frilled Anemone
8313	Stomphia coccinea Muller 1776
8315	Tealina felina Linnaeus 1767 - Dahlia Anemone
8316	Hormathia sp.
8317	Bolocera sp.
8318	Pennatula borealis M. Sars 1856 - Great Sea Pen
8319	Actinauge verrillii McMurrich 1893
8320	Cerianthus borealis Verrill 1873
8321	Epizoanthus incrustatus (Duben and Koren 1847)
8322	Primnoa resedaeformis (Pallas 1766)
8323	Paragorgia arborea (Linnaeus 1758)
8324	Duva multiflora Verrill xxxx - Sea Cauliflower
8405	Sertularia sp. - Garland Hydroids
8411	Aglantha digitale (Muller 1776) - Splendid Hydromedusa
8421	Obelia sp. - Hydromedusae
8511	Cyanea capillata (Linnaeus 1758) - Pink Jellyfish or Lion`s Mane
8610	Polymastia sp.
8615	Mycale sp.
8618	Haliclona sp.
8520	Pelagia noctiluca - jellyfishes
8621	Haliclona oculata (Linnaeus 1759) - Eyed Finger Sponge
8622	Hormathia tuberculosa xxxx

Appendix G

Alphabetical Listing of Invertebrates by Family and Higher Taxa

3400	ACANTHOCEPHALA - Parasitic worms
8208	ACTINIARIA - Sea Anemones, Sea Coral
	ALCYONACEA - Soft Corals
2800	AMPHIPODA - Beach Fleas, Scuds, etc.
3000	ANNELIDA - Segmented Worms
	ANOMALODESMATA
	ANOMURA - Hermit Crabs, etc.
8300	ANTHOZOA - Sea Anemone
3050	ANTHURIDEA
3051	Anthuridae
2841	Aoridae
3158	Apistobranchidae
	APLACOPHORA - Solenogasters
	APODIDA
	ARBACIOIDA
5200	ARCHAEOGASTROPODA - Limpets
	ARICIIDA
	ARTHROPODA - Joint-Legged Animals
	ARTICULATA
	ASCAROIDEA
	ASCHELMINTHES
	ASCIDIACEA - Sea Squirts (Ascidians)
	ASELLOTA
	ASTACIDEA - Lobsters and Crayfishes
6100	ASTEROIDEA - Starfishes
	Acartiidae
	Actinidae
	Actinostolidae
3030	Aegidae
	Aeolidiidae - Sea Slugs
	Aetideidae
4533	Alloposidae
2855	Ampeliscidae
3146	Ampharetidae
2860	Amphithoidae
4556	Ancistrocheirinae
	Anisakidae
4328	Anomiidae - Jingle Shells
	Anthothelidae
3210	Aphroditidae - Sea Mice
	Aporrhaidae - Pelican's Foot Shells
3107	Arabellidae - Thread Worms
	Arbaciidae - Sea Urchins
4573	Architeuthidae - Giant Squids
	Arcticidae
	Arenicolidae - Lugworms
4532	Argonautidae - Paper Nautiluses (Argonaut)
	Ascidiidae - Ascidians
	Astartidae - Chestnut Clams (Astartes)
	Asteriidae
	Astropectinidae - Margined Sea Stars
2540	Axiidae
	BEROIDA
4300	BIVALVIA - Bivalve Mollusks
1930	BRACHIOPODA - Lamp Shells
2510	BRACHYURA - Brachiuran Crabs
	BRANCHIOPODA
2995	Balanidae - Sea Acorn Barnacles
	Bathypolypodinae
4581	Bathyteuthidae
	Benthopectinidae
	Beroidae
	Bodotriidae
4528	Bolitaenidae
	Bopyridae
	Brachioteuthidae
4209	Buccinidae - Whelks

2939	CALANOIDA - Copepods
	CALIGOIDA
	CAPITELLIDA - Capitellid Thread Worms
3133	Capitellidae
	CAPRELLIDEA
3240	CARIDEA - Free Swimming Shrimps
	CEPHALASPIDEA - Bubble Shells
4500	CEPHALOPODA - Squids and Octopuses
	CERIANTHARIA
	CERIANTIPATHARIA S.C.
7700	CESTODA - Flatworms
	CHAETODERMATIDA
5000	CHAETOGNATHA - Arrow Worms
	CHELICERATA
9430	CHELONIA - Tortoises and Sea-Going Turtles
	CHORDATA - Protochordates and Vertebrates
	CIRRATA
2990	CIRRIPEDIA - Barnacles
2350	CLADOCERA - Water Fleas
6500	CLYPEASTEROIDA - Cake Urchins
8200	CNIDARIA (COELENTERATA) - Polyps
	COLEOIDEA
	COLLEMBOLA - Springtails
2900	COPEPODA
6900	CRINOIDEA - Sea Lilies and Feather Stars
2000	CRUSTACEA
	CRYPTODONTA
4310	CRYPTODONTA, PTERIMORPHIA, PALAEOTAXODONTA, HETERODONTA, PRIONODESMATA, TELEODESMATA - Clams (NS)
8100	CTENOPHORA - Comb Jellies
2970	CUMACEA
2945	CYCLOPOIDA
	CYDIPPIDA
	Calanidae
2508	Calappidae
	Caligidae
	Calliopiidae
	Campanulariidae
2509	Cancridae - Rock and Jonah Crabs
	Candaciidae
2870	Caprellidae - Skeleton Shrimps
4340	Cardiidae - Cockles
	Carditidae - Heart Shells
	Caudinidae
	Centropagidae
	Chaetodermatidae
	Chiridotidae
4566	Chiroteuthidae
2991	Cirolanidae - Greedy Isopods
	CIRRATULIDA
3280	Cirratulidae
	Cirroteuthidae
	Clionidae
	Columbellidae
2840	Corophiidae
4585	Cranchiidae
4586	Cranchiinae
2400	Crangonidae - Snapping Shrimp
	Crepidulidae - Boat Shells, Slipper Limpets
	Ctenopterygidae
	Cucumariidae
6700	Cucumariidae and Psolidae (Psoluses, Thyones, etc. Unidentified)
	Cuspidariidae
	Cyaneidae - Disc Jellyfishes
4430	Cylichnidae - Canoe Shells
2100	DECAPODA - Shrimps
	DENDROCHIROTIDA
	DESMOSPONGIAE
7601	DIGENEA S.C. (Flukes)
9406	DIPTERA - Biting Flies
	Dendronotidae - Bushy Backed Sea Slugs
	Diastylidae
3090	Dorvilleidae
6000	ECHINODERMATA - Spiny-Skinned Animals

	ECHINOIDA
6397	ECHINOIDEA - Sea Urchins, Cake Urchins, and Heart Urchins
3330	ECHIURIDA - Echiurid Worms
1920	ECTOPROCTA (BRYOZOA)
	ENTEROGONA
1910	ENTOPROCTA - Moss Animals
	EPICARIDEA
	EUNICIDA
2600	EUPHAUSIACEA - Krill Shrimp
2699	EUPHAUSIACEA and MYSIDACEA - Krill and Mysid Shrimp
	Echinarachnidae - Sand Dollars
	Echinasteridae
3340	Echiuridae
	Eledoninae
4545	Enoploteuthidae
4546	Enoploteuthinae
	Epitoniidae - Staircase Shells
	Euchaetidae
3085	Eunicidae - Bristle Worms
2610	Euphausiidae
	Eusiridae
	FLABELLIFERA
	FLABELLIGERIDA
1700	FORAMINIFERA
	FORCIPULATIDA
4253	Fissurellidae - Keyhole Limpets
3170	Flabelligeridae
	GALATHEIDEA - Crabs
2819	GAMMARIDEA
4200	GASTROPODA - Snails and Slugs
3300	GEPHYREA (SIPUNCULA)
	GNATHIIDEA
	GORGONACEA - Sea Fans, Whips, and Feathers
	GYMNOSOMATA - Pteropods
2554	Galatheidea
2811	Gammaridae - Scuds
	Geryonidae
3230	Glyceridae - Blood Worms
	Gnathiidae
4568	Gonatidae
3124	Goniadidae
	Goniasteridae
	Goniopectinidae
6309	Gorgonocephalida - Basket Stars
6300	Gorgonocephalida and Asteronychidae - Basket Stars
	HADROMERIDA - Large Sponges
	HAPLOSCLERIDA - Sponges
2894	Haustoriidae
3195	Hesionidae
	HETERODONTA
6600	HOLOTHUROIDEA - Sea Cucumbers
8400	HYDROZOA - Jellyfishes
2905	HYPERIIDEA
	Haliclonidae
4537	Heteroteuthinae
	Hiatellidae
2300	Hippolytidae - Shrimps
4574	Histioteuthidae
	Hormathiidae
2906	Hyperiidae
4520	INCIRRATA
9405	INSECTA - Land Insects
2980	ISOPODA
2992	Idoteidae
	Illicinae
	Ischnochitonidae - Chitons
2897	Ischyroceridae
	Janiridae
1830	LARVACEA
	LEPTOMEDUSAE
	LERNAEOPODOIDA
	Lampadioteuthinae
	Lepidopleuridae
4570	Lepidoteuthidae

3185	Leptonidae
	Lernaeidae - Ribbon Lice
	Lernaeopodidae
2969	Leuconidae
	Limacinidae - Sea Butterflies
	Limidae
	Lithodidae
4250	Littorinidae - Periwinkles
4540	Loliginidae - Squid
4514	Loliginidae and Ommastrephidae - Squid Nonspecified
3190	Lucinidae - White Shells
3117	Lumbrinereidae
4542	Lycoteuthidae
	Lycoteuthinae
2830	Lysianassidae
	MACURA - Lobsters, Crayfish, Shrimps, Hermit Crabs, and Prawns
	MALACOSTRACA
	MANDIBULATA
	MEROSTOMATA - Horse-Shoe Crabs
4000	MOLLUSCA
	MOLPADIIDA
	MYOIDA - Mya Clams, Philads, Shipworms
4502	MYOPSIDA
2700	MYSIDACEA - Mysid Shrimp
	MYTILOIDA
	Mactridae - Bar or Surf Clams
2519	Majidae - Spider Crabs, Unidentified
3143	Maldanidae - Filament Tube Worms
	Mastigoteuthidae
	Melitidae
	Metridiidae - Sea Anemone
	Metridiidae - Copepod
1815	Molgulidae
	Molpadiidae
	Monstrillidae
	Mopaliidae
	Munnopsidae
	Muricidae - Rock Shells
	Mycalidae
	Myidae - Soft Shell Clams
2715	Mysidae
4330	Mytilidae - True Mussels
	Nannastacidae
	NEBALIACEA
	NEMATHELMINTHES - Round Worms
7100	NEMATODA - Round Worms
	NEOLORICATA
	NUCULOIDA
	NUDA
4400	NUDIBRANCHIA - Shell-less Gastropods (Nudibranches)
4235	Nassariidae or Thiasidae - Dog Whelks and Mud Snails
	Naticidae - Moon Shells and Sand Collar Snails
	Nephropsidae - American and European Lobsters
	Nephtheidae
3115	Nephtyidae
3150	Nereidae - Clam Worms
4360	Nuculanidae
4350	Nuculidae - Nut Shells
	Nymphonidae
	OCTOCORALLIA S.C.
4521	OCTOPODA - Octopus
4503	OEGOPSIDA
3175	OLIGOCHAETA - Aquatic and Terrestrial Earthworms
	OPHIURIDA
6200	OPHIUROIDEA - Brittle and Basket Stars
2650	OSTRACODA - Water Fleas
	OSTREINA
	OWENIIDA
4529	Octopodidae
	Octopodinae
4561	Octopoteuthidae
4534	Ocythoidae
2880	Oedicerotidae
	Oikopleuridae

	Oithonidae
4510	Ommastrephidae - Sea Arrows
4516	Ommastrephinae
3460	Onuphidae
4563	Onychoteuthidae
3153	Opheliidae - Opheliid Worms
	Ophiactidae - Brittle Stars
	Ophiuridae
	Opistoteuthidae
3270	Orbiniidae
	Ostreidae - Oysters
3194	Oweniidae - Bamboo Worms
2560	PAGUROIDEA - Hermit Crabs
	PALAEOTAXODONTA
	PANTOPODA
	Paraonidae
2806	Pardaliscidae
	PAXILLOSIDA
	PENAEIDA
	PENNATULACEA - Sea Pens
	PHOLADOMYOIDA - Pandoras, Cuspidarians
1940	PHORONIDA
1941	Phoronidae
	Photidae
	PHRYNOPHIURIDA
	PHYLLODOCIDA
	PLATYHELMINTHES - Flatworms
	PLEUROGONA
	POECILOSCLERIDA
3100	POLYCHAETA - Bristle Worms
4700	POLYPLACOPHORA - Chitons
8600	PORIFERA - Sponges
3450	PRIAPULIDA
	PRIONODONTIDA
1800	PROTOCHORDATA (UROCHORDATE and CEPHLACORDATE)
	PROTOZOA
	PTERIOIDEA - Pearly and True Oysters, Scallops
	PTERIOMORPHIA
5100	PYCNOGONIDA - Sea Spiders
2559	Paguridae - Hermit Crabs
2240	Palaemonidae - Prawns
2200	Pandalidae - Shrimps
	Pandoridae - Pandora Shells
	Paracalanidae
	Paramphithoidae
2219	Pasiphaeidae
3139	Pectinaridae
4320	Pectinidae - Scallops
2450	Penaeidae
	Pennatulacea - Sea Pens
	Philinidae - Bubble Shells
2845	Phoxocephalidae
	Phronimmidae
6705	Phyllophoridae
3114	Phyllodocidae - Paddle Worms
	Physaliidae
	Pleurobrachiidae
2807	Pleustidae
	Podoceridae
	Poduridae
3500	Polynoidae - Scale Worms
	Polyphemidae
2865	Pontogeniidae
	Poraniidae
2515	Portunidae - Swimming Crabs
	Primnoidae
	Pseudocalanidae
	Psolidae
	Pterasteridae
5101	Pycnogonidae
4558	Pyroteuthinae
	Pyuridae
1750	RADIOLARIDA
	Raninidae

	REPTILIA
5500	RHYNCHOCOELA (NEMERTEA) - Nemerteans
	RHYNCHONELLIDA
	Rhopalonematidae
	Rossiinae
	SABELLIDA
	SARCODINA - Root-footed Protozoa
4110	SCAPHOPODA - Tusk or Toothshells
8500	SCYPHOZOA - Large Jellyfishes
	SEMAEOSTOMEAE
4504	SEPIOIDEA
	SEPTIBRANCHOIDEA
8700	SIPHONOPHORA
	SOLEMYOIDA
	SPATANGOIDA - Heart Urchins
	SPINULOSIDA
	SPIONIDA
	STELLEROIDEA - Sea Stars and Brittle Stars
	STERNASPIDA
3138	Sabellidae - Sand Builder Worms
1840	Salpidae - Salpas
	Scalibregmidae
	Schizasteridae
4536	Sepiolidae - Squid
	Sepiolinae
	Serpulidae
	Sertularidae - Horny Cup Hydroids
	Skeneopsidae - Orb Shells
	Solasteridae - Sun Stars
	Solemyacidae - Awning Clams
	Solenidae - Razor Shell Clam
	Spatangidae
	Sphyriidae
3164	Spionidae - Mud Worms
4539	Spirulidae
4527	Stauroteuthidae
	Stenothoidae
	Sternaspidae
	Strombidae and Melongenidae
	Strongylocentrotidae - Sea Urchins
	Styelidae
	Suberitidae
3126	Syllidae
	TANAIDACEA
	TENTACULATA - Tentacled Comb Jellies
3189	TEREBELLIDA - Tube Worms
	TEREBRATULIDA
4501	TEUTHOIDEA - Bait Squids
2565	THALASSINIDEA - Mud Shrimp
1845	THALIACEA
	THECATA
2606	THECOSOMATA
	TRACHYMEDUSAE
7600	TREMATODA - Flukes
7500	TURBELLARIA - Flatworms
1810	TUNICATA (UROCHORDATA)
2940	Tanaidae
4590	Taoniinae
4370	Tellinidae - Tellin/Sunset Shells
	Temoridae
3160	Terebellidae
3180	Thraciidae - Duck-bill Shells
4333	Thyasiridae
2850	Tironidae
	Todarodinae
3134	Tomopteridae - Plankton Worms
4530	Tremoctopodidae
4255	Trochidae - Top Shells
	Turridae - Turrent or Slit Shells
	Turritellidae - Screw/Tower Shells
	VALVATIDA
	VALVIFERA
	VAMPYROMORPHA
	VENEROIDA - Lucines, Cockles, Razor Clams, Tellins, Venus Clams

	VERTEBRATA
4535	Vampyroteuthidae
	Velutinidae
4329	Veneridae - Venus Clams
	Xanthidae - Mud Crabs
3205	ZOANTHARIA S.C.
	ZOANTHIDEA - Zoanthid Anemones

Appendix H

Alphabetical Listing of Fishes by Family and Higher Taxa

	Acanthuridae - Surgeon fish
	ACANTHUROIDEI - Surgeon fish
	ACIPENSERIFORMES - Sturgeons (NS)
	AGNATHA - Jawless Fishes
	ALBULIFORMES - Bonefishes (NS)
	AMMODYTOIDEI - Sand Lances (NS)
	ANGUILLIFORMES - Eels (NS)
0634	ANGUILLOIDEI - Unidentified Eels
	ANTENNAROIDEI
0153	ARGENTINOIDEI
	ATHERINIFORMES
	AULOPIFORMES
0272	Acipenseridae - Sturgeons
0351	Agonidae - Poachers and Alligatorfishes
	Albulidae - Bonefishes
	Alepisauridae - Lancetfishes
0968	Alepocephalidae - Smoothheads
	Alopiidae - Thresher Sharks
	AMIIFORMES
	Amiidae
0590	Ammodytidae - Sand Lances
0059	Anarhichadidae - Wolffishes (NS)
0648	Anguillidae - Fresh-water Eels
	Anoplogasteridae - Ogrefishes
	Anotopteridae - Daggertooths
0398	Antennariidae - Frogfishes
0697	Apogonidae (incl. Cheilodipteridae and Epigonidae) - Cardinalfishes
0288	Argentinidae - Argentines
	Ariommidae
0966	Astronesthidae - Bighead Dragonfishes
0669	Atherinidae - Silversides
0219	BATOIDEA - Skates and Rays
	BATRACHOIDIFORMES - Toadfishes (NS)
0802	BERYCIFORMES - Berycoid Fishes
0644	BLENNIOIDEI - Blennies, Shannies, Gunnels
	Balistidae - Triggerfishes and Filefishes
0276	Bathylagidae - Deepsea Smelts
	Bathypteroidae - Tripod/Feeler Fishes
	Batrachoididae - Toadfishes
	Belonidae - Needlefishes
	Berycidae - Alfonsionos
	Blenniidae - Combtooth Blennies
0196	Bothidae - Lefteye Flounders
	Bramidae - Pomfrets
	Branchiostegidae (incl. Malacanthidae) - Tilefishes
	Bregmacerotidae - Codlets
0952	Brotulinae - Brotulids
0655	Bythitidae - Viviparous Brotulas
	CALLIONYMOIDEI
	CARCHARHINIFORMES - Requiem Sharks (NS)
0687	CERATIOIDEI
	CHIMAERIFORMES
	CHONDRICHTHYES
	CLUPEIFORMES - Herring - like Fishes
0635	Callionymidae - Dragonets
	Caproidae
0174	Carangidae - Jacks
	Carapidae - Pearlfishes
	Carcharhinidae - Requiem Sharks
	Caristiidae - Manefishes
0415	Caulophrynidae
	Centrolophidae - Medusa Fishes or Ruffs
	Ceratiidae - Seadevils
	CERIANTIPATHARIA S.C.
0328	Chaetodontidae (incl. Pomacanthidae) - Butterflyfishes
	Chauliodontidae - Viperfishes
	Chaunacidae

0971	Chiasmodontidae - Black Swallowers
	Chimaeridae - Chimaeras
	Chlorophthalmidae - Greeneyes
0336	Clupeidae - Herring (NS)
0290	Clupeidae/Osmeridae - Herring/Capelin-like Fishes
0429	Congridae - Congers
	Coryphaenidae - Dolphins
0312	Cottidae - Sculpins
	Cryptacanthodidae - Wrymouths
0514	Cyclopteridae (incl. Liparidae) - Lumpfishes and Seasnails
	Cynoglossidae - Tonguefishes
	CYPRINIFORMES
	Cyprinidae
	Cyprinodontidae - Killifishes
	DACTYLOPTERIFORMES - Flying Gurnards
	Dactylopteridae - Flying Gurnards
	Dasyatidae - Stingrays
	Derichthyidae - Long Neck Eels (NS)
0692	Diodontidae - Porcupinefishes
	Diretmidae - Spinyfishes
0458	Dysomminae
	ELOPIFORMES - Tarpons
	Echeneidae - Remoras/Sharksuckers
	Elopidae - Tarpons
0034	Engraulidae -Anchovies
	Eurypharyngidae - Gulpers
	Eutaeniophoridae
	Evermannellidae
0748	Exocoetidae - Flyingfishes and Halfbeaks
	Fistulariidae - Cornetfishes/Trumpetfishes
	GADIFORMES - Cod, Hake, etc.
0101	GADOIDEI - Gadoids
	GALEOMORPHII
	Gadinae
	GASTEROSTEIFORMES - Sticklebacks (NS)
	GOBIOIDEI
0251	Gadidae - Codfishes
0360	Gasterosteidae - Sticklebacks
0296	Gempylidae - Snake Mackerels
0420	Gerreidae - Mojarras
	Gigantactinidae
0804	Gobiidae - Gobies
0745	Gonostomatidae - Anglemouths
	Grammicolepididae - Diamond Dories
	Grammistidae
0490	Halosauridae - Halosaurus (NS)
	Himantolophidae - Footballfishes
	Holocentridae - Squirrelfishes
	Idiacanthidae - Sawtailfishes
	Istiophoridae (incl. Makairidae) - Spearfishes and Sailfishes (Marlins)
	Kyphosidae - Sea Chubs
0199	LABROIDEI
	LAMNIFORMES
0298	LOPHIIFORMES
	LOPHIOIDEI - Goosefishes (NS)
0036	Labridae - Wrasses
	Lamnidae - Mackerel Sharks
	Lamprididae - Opahs
0891	LAMPRIFORMES
	Lepisosteidae - Gars
0902	Linophrynidae
	Lophiidae - Goosefishes
	Lophotidae
	Lotinae
0645	Lumpenidae - Shanny
	Lutjanidae - Snappers
	MACROUROIDEI
	MUGILOIDEI - Mullets (NS)
0811	MYCTOPHIFORMES
0214	MYLIOBATIFORMES - Rays
	MYXINIFORMES - Hagfishes (NS)
	Macrorhamphosidae
0416	Macrouridae - Grenadiers
	Macrurocyttidae

0819	Malacosteidae - Loosejaws
0558	Melamphaeidae
	Melanocetidae
	Melanonidae
0665	Melanostomiatidae - Scaleless Dragonfishes
	Merlucciidae - Silver Hake
0855	Microdesmidae
	Mobulidae - Mantas/Devilfishes
	Molidae - Headfishes
0194	Moridae - Moras
0470	Moringuidae - Spaghetti Eels
0265	Mugilidae - Mullets
	Mullidae - Goatfishes
0485	Muraenesocidae
0425	Muraenidae - Morays
0150	Myctophidae - Lanternfishes
	Myxinidae - Hagfishes (NS)
0463	Nemichthyidae - Snipe Eels
0475	Nettastomatidae - Duckbill Eels
0821	Nomeidae - Driftfishes
0662	Notacanthidae - Spiny Eels
	Notosudidae
	OCTOCORALLIA S.C.
0660	OPHIDIOIDEI - Cusk Eels
0560	OSTEICHTHYES - Bony Fishes
	Odontaspididae - Sand Tigers
0694	Ogcocephalidae - Batfishes
	Omosudidae
0683	Oneirodidae
0440	Ophichthidae - Snake Eels
0649	Ophidiidae (incl. Brotulidae) - Cusk Eels
0337	Osmeridae - Smelts
	Ostraciontidae - Boxfishes
0636	PERCIFORMES - Perchlike Fishes
0652	PERCOIDEA
	PETROMYZONIFORMES - Lampreys (NS)
0346	PLEURONECTIFORMES - Flatfishes
0713	Paralepididae (Sudidae) - Barracudinas
	Percichthyidae - Temperate Basses
	Petromyzonidae - Lampreys
	Pholidae - Gunnels
0057	Phycinae
0049	Pleuronectidae - Righteye Flounders (NS)
	Polymixiidae - Beardfishes
	Pomacentridae - Damselfishes
0263	Pomadasyidae (incl. Haemulidae) - Grunts
	Pomatomidae - Bluefishes
0352	Priacanthidae - Bigeyes
	RAJIFORMES - Skates, Rays, etc.
	Rachycentridae - Cobias
0211	Rajidae - Skates
	Regalecidae
	Rhinochimaeridae
	Rondeletiidae
	SACCOPHARYNGOIDEI - Gulpers (NS)
0275	SALACHII (CHONDRICHTHYES) *17 - Cartilaginous Fishes
	SALMONOIDAE - Salmon, Trouts, etc.
0294	SALMONIFORMES
0073	SCOMBROIDEI - Tunas, Mackerel, Swordfish, etc
0299	SCORPAENIFORMES - Mail-cheeked Fishes
	SEMIONOTIFORMES
	SPHYRAENOIDEI
	SQUALIFORMES - Large Sharks (NS)
	SQUALOMORPHII
0680	STOMIATIFORMES
	STOMIATOIDEI
0951	STROMATEOIDEI - Butterfishes (NS)
	Salmonidae - Trouts
0197	Scaridae - Parrotfishes
	Sciaenidae - Drums
	Scomberesocidae - Sauries
	Scombridae - Mackerels and Tunas
	Scopelarchidae - Pearleyes
	Scophthalmidae

0280	Scorpaenidae - Scorpionfishes
	Scyliorhinidae - Cat Sharks
	Searsiidae - Tube Shouders
0715	Serranidae (incl. Anthiidae) - Sea Basses
	Serrivomeridae
0457	Simenchelyinae - Snubnose Eels
0326	Sparidae - Porgies
	Sphyraenidae - Barracudas
	Sphyrnidae - Hammerhead Sharks
0274	Squalidae - Dogfishes (NS)
0741	Sternoptychidae - Hatchetfishes
0639	Stichaeidae - Pricklebacks
0151	Stomiatidae - Scaled Dragonfishes
0951	Stromateidae - Butterfishes
	Stylephoridae
0455	Synaphobranchidae - Cutthroat Eels
0456	Synaphobranchinae
	Syngnathidae - Seahorses and Pipefishes
0339	Synodontidae - Lizardfishes
	TETRAODONTIFORMES - Spikefishes
	TORPEDINIFORMES - Electric Rays (NS)
	TRACHINOIDEI
	Tetragonuridae - Squaretails
	Tetraodontidae (incl. Canthigasteridae) - Puffers or Swellfishes
	Torpedinidae - Electric Rays
	Trachichthyidae - Soldierfishes
0892	Trachipteridae
0893	Trachipteroidei
0689	Trichiuridae - Cutlassfishes
0329	Triglidae (incl. Peristediidae) - Searobins
0480	Xenocongridae - False Morays
	Xiphiidae - Swordfishes
	ZEIFORMES - Dories, etc.
	ZOARCOIDEI
	Zeidae - Dories
0598	Zoarcidae - Eelpouts

Appendix I

Numerical Listinging of Invertebrates by Family and Higher Taxa

ALCYONACEA - Soft Corals
ANOMALODESMATA
ANOMURA - Hermit Crabs, etc.
APLACOPHORA - Solenogasters
APODIDA
ARBACIOIDA
ARICIIDA
ARTHROPODA - Joint-Legged Animals
ARTICULATA
ASCAROIDEA
ASCHELMINTHES
ASCIDIACEA - Sea Squirts (Ascidians)
ASELLOTA
ASTACIDEA - Lobsters and Crayfishes
Acartiidae
Actinidae
Actinostolidae
Aeolidiidae - Sea Slugs
Aetideidae
Anisakidae
Anthothelidae
Aporrhaidae - Pelican's Foot Shells
Arbaciidae - Sea Urchins
Arcticidae
Arenicolidae - Lugworms
Ascidiidae - Ascidians
Astartidae - Chestnut Clams (Astartes)
Asteriidae
Astropectinidae - Margined Sea Stars
BEROIDA
BRANCHIOPODA
Benthopectinidae
Beroidae
Bodotriidae
Bopyridae
Brachioteuthidae
CALIGOIDA
CAPITELLIDA - Capitellid Thread Worms
CAPRELLIDEA
CEPHALASPIDEA - Bubble Shells
CERIANTHARIA
CHAETODERMATIDA
CHELICERATA
CHORDATA - Protochordates and Vertebrates
CIRRATA
CIRRATULIDA
COLLEMBOLA - Springtails
CRYPTODONTA
CYDIPPIDA
Calanidae
Caligidae
Calliopiidae
Campanulariidae
Candaciidae
Carditidae - Heart Shells
Caudinidae
Centropagidae
Chaetodermatidae
Chiridotidae
Cirroteuthidae
Clionidae
Columbellidae
Crepidulidae - Boat Shells, Slipper Limpets
Ctenopterygidae
Cucumariidae
Cuspidariidae

Cyaneidae - Disc Jellyfishes
DENDROCHIROTIDA
DESMOSPONGIAE
Dendronotidae - Bushy Backed Sea Slugs
Diastylidae
ECHINOIDA
ENTEROGONA
EPICARIDEA
EUNICIDA
Echinarachnidae - Sand Dollars
Echinasteridae
Epitoniidae - Staircase Shells
Euchaetidae
Eusiridae
FLABELLIFERA
FLABELLIGERIDA
FORCIPULATIDA
GALATHEIDEA - Crabs
GNATHIIDEA
GORGONACEA - Sea Fans, Whips, and Feathers
GYMNOSOMATA - Pteropods
Geryonidae
Gnathiidae
Goniasteridae
Goniopectinidae
HADROMERIDA - Large Sponges
HAPLOSCLERIDA - Sponges
HETERODONTA
Haliclonidae
Hiatellidae
Hormathiidae
Ischnochitonidae - Chitons
Janiridae
LEPTOMEDUSAE
LERNAEOPODOIDA
Lepidopleuridae
Lernaeidae - Ribbon Lice
Lernaeopodidae
Limacinidae - Sea Butterflies
Limidae
Lithodidae
MACURA - Lobsters, Crayfish, Shrimps, Hermit Crabs, and Prawns
MALACOSTRACA
MANDIBULATA
MEROSTOMATA - Horse-Shoe Crabs
MOLPADIIDA
MYOIDA - Mya Clams, Philads, Shipworms
MYTILOIDA
Mactridae - Bar or Surf Clams
Mastigoteuthidae
Melitidae
Metridiidae - Sea Anemone
Metridiidae - Copepod
Molpadiidae
Monstrillidae
Mopaliidae
Munnopsidae
Muricidae - Rock Shells
Mycalidae
Myidae - Soft Shell Clams
Nannastacidae
NEBALIACEA
NEMATHELMINTHES - Round Worms
NEOLORICATA
NUCULOIDA
NUDA
Naticidae - Moon Shells and Sand Collar Snails
Nephropsidae - American and European Lobsters
Nephtheidae
Nymphonidae
OPHIURIDA
OSTREINA
OWENIIDA
Oikopleuridae

Oithonidae
Ophiactidae - Brittle Stars
Ophiuridae
Opistoteuthidae
Ostreidae - Oysters
PALAEOTAXODONTA
PANTOPODA
Paraonidae
PAXILLOSIDA
PENAEIDA
PENNATULACEA - Sea Pens
PHOLADOMYOIDA - Pandoras, Cuspidarians
Photidae
PHRYNOPHIURIDA
PHYLLODOCIDA
PLATYHELMINTHES - Flatworms
PLEUROGONA
POECILOSCLERIDA
PROTOZOA
PTERIOIDEA - Pearly and True Oysters, Scallops
PTERIOMORPHIA
Pandoridae - Pandora Shells
Paracalanidae
Paramphithoidae
Pennatulacea - Sea Pens
Philinidae - Bubble Shells
Phronimmidae
Physaliidae
Pleurobrachiidae
Podoceridae
Poduridae
Polyphemidae
Poraniidae
Primnoidae
PRIONODONTIDA
Pseudocalanidae
Psolidae
Pterasteridae
Pyuridae
Raninidae
REPTILIA
RHYNCHONELLIDA
Rhopalonematidae
SABELLIDA
SARCODINA - Root-footed Protozoa
SEMAEOSTOMEAE
SEPTIBRANCHOIDEA
SOLEMYOIDA
SPATANGOIDA - Heart Urchins
SPINULOSIDA
SPIONIDA
STELLEROIDEA - Sea Stars and Brittle Stars
STERNASPIDA
Scalibregmidae
Schizasteridae
Sertularidae - Horny Cup Hydroids
Skeneopsidae - Orb Shells
Solasteridae - Sun Stars
Solemyacidae - Awning Clams
Solenidae - Razor Shell Clam
Spatangidae
Serpulidae
Sphyriidae
Stenothoidae
Sternaspidae
Strombidae and Melongenidae
Strongylocentrotidae - Sea Urchins
Styelidae
Suberitidae
TANAIDACEA
TENTACULATA - Tentacled Comb Jellies
TEREBRATULIDA
THECATA
TRACHYMEDUSAE

	Temoridae
	Turridae - Turrent or Slit Shells
	Turritellidae - Screw/Tower Shells
	VALVATIDA
	VALVIFERA
	VAMPYROMORPHA
	VENEROIDA - Lucines, Cockles, Razor Clams, Tellins, Venus Clams
	VERTEBRATA
	Velutinidae
	Xanthidae - Mud Crabs
	ZOANTHIDEA - Zoanthid Anemones
1700	FORAMINIFERA
1750	RADIOLARIDA
1800	PROTOCHORDATA (UROCHORDATE and CEPHLACORDATE)
1810	TUNICATA (UROCHORDATA)
1815	Molgulidae
1830	LARVACEA
1840	Salpidae - Salpas
1845	THALIACEA
1910	ENTOPROCTA - Moss Animals
1920	ECTOPROCTA (BRYOZOA)
1930	BRACHIOPODA - Lamp Shells
1940	PHORONIDA
1941	Phoronidae
2000	CRUSTACEA
2100	DECAPODA - Shrimps
2200	Pandalidae - Shrimps
2219	Pasiphaeidae
2240	Palaemonidae - Prawns
2300	Hippolytidae - Shrimps
2350	CLADOCERA - Water Fleas
2400	Crangonidae - Snapping Shrimp
2450	Penaeidae
2508	Calappidae
2509	Canoridae - Rock and Jonah Crabs
2510	BRACHYURA - Brachiuran Crabs
2515	Portunidae - Swimming Crabs
2519	Majidae - Spider Crabs, Unidentified
2540	Axiidae
2554	Galatheidea
2559	Paguridae - Hermit Crabs
2560	PAGUROIDEA - Hermit Crabs
2565	THALASSINIDEA - Mud Shrimp
2600	EUPHAUSIACEA - Krill Shrimp
2606	THECOSOMATA
2610	Euphausiidae
2650	OSTRACODA - Water Fleas
2699	EUPHAUSIACEA and MYSIDACEA - Krill and Mysid Shrimp
2700	MYSIDACEA - Mysid Shrimp
2715	Mysidae
2800	AMPHIPODA - Beach Fleas, Scuds, etc.
2806	Pardaliscidae
2807	Pleustidae
2811	Gammaridae - Scuds
2819	GAMMARIDEA
2830	Lysianassidae
2840	Corophiidae
2841	Aoridae
2845	Phoxocephalidae
2850	Tironidae
2855	Ampeliscidae
2860	Amphithoidae
2865	Pontogeniidae
2870	Caprellidae - Skeleton Shrimps
2880	Oedicerotidae
2894	Haustoriidae
2897	Ischyroceridae
2900	COPEPODA
2905	HYPERIIDEA
2906	Hyperiidae
2939	CALANOIDA - Copepods
2940	Tanaidae
2945	CYCLOPOIDA
2969	Leuconidae

2970	CUMACEA
2980	ISOPODA
2990	CIRRIPEDIA - Barnacles
2991	Cirolanidae - Greedy Isopods
2992	Idoteidae
2995	Balanidae - Sea Acorn Barnacles
3000	ANNELIDA - Segmented Worms
3030	Aegidae
3050	ANTHURIDEA
3051	Anthuridae
3085	Eunicidae - Bristle Worms
3090	Dorvilleidae
3100	POLYCHAETA - Bristle Worms
3107	Arabellidae - Thread Worms
3114	Phyllodocidae - Paddle Worms
3115	Nephtyidae
3117	Lumbrinereidae
3124	Goniadidae
3126	Syllidae
3133	Capitellidae
3134	Tomopteridae - Plankton Worms
3138	Sabellidae - Sand Builder Worms
3139	Pectinaridae
3143	Maldanidae - Filament Tube Worms
3146	Ampharetidae
3150	Nereidae - Clam Worms
3153	Opheliidae - Opheliid Worms
3158	Apistobranchidae
3160	Terebellidae
3164	Spionidae - Mud Worms
3170	Flabelligeridae
3175	OLIGOCHAETA - Aquatic and Terrestrial Earthworms
3180	Thraciidae - Duck-bill Shells
3185	Leptonidae
3189	TEREBELLIDA - Tube Worms
3190	Lucinidae - White Shells
3194	Oweniidae - Bamboo Worms
3195	Hesionidae
3205	ZOANTHARIA S.C.
3210	Aphroditidae - Sea Mice
3230	Glyceridae - Blood Worms
3240	CARIDEA - Free Swimming Shrimps
3270	Orbiniidae
3280	Cirratulidae
3300	GEPHYREA (SIPUNCULA)
3330	ECHIURIDA - Echiurid Worms
3340	Echiuridae
3400	ACANTHOCEPHALA - Parasitic worms
3450	PRIAPULIDA
3460	Onuphidae
3500	Polynoidae - Scale Worms
4000	MOLLUSCA
4110	SCAPHOPODA - Tusk or Toothshells
4200	GASTROPODA - Snails and Slugs
4209	Buccinidae - Whelks
4235	Nassariidae or Thiasidae - Dog Whelks and Mud Snails
4250	Littorinidae - Periwinkles
4253	Fissurellidae - Keyhole Limpets
4255	Trochidae - Top Shells
4300	BIVALVIA - Bivalve Mollusks
4310	CRYPTODONTA, PTERIMORPHIA, PALAEOTAXODONTA, HETERODONTA, PRIONODESMATA, TELEODESMATA - Clams (NS)
4320	Pectinidae - Scallops
4328	Anomiidae - Jingle Shells
4329	Veneridae - Venus Clams
4330	Mytilidae - True Mussels
4333	Thyasiridae
4340	Cardiidae - Cockles
4350	Nuculidae - Nut Shells
4360	Nuculanidae
4370	Tellinidae - Tellin/Sunset Shells
4400	NUDIBRANCHIA - Shell-less Gastropods (Nudibranches)
4430	Cylichnidae - Canoe Shells
4500	CEPHALOPODA - Squids and Octopuses

4501	TEUTHOIDEA - Bait Squids
4502	MYOPSIDA
4503	OEGOPSIDA
4504	SEPIOIDEA
4510	Ommastrephidae - Sea Arrows
4514	Loliginidae and Ommastrephidae - Squid Nonspecified
4516	Ommastrephinae
4520	INCIRRATA
4521	OCTOPODA - Octopus
4527	Stauroteuthidae
4528	Bolitaenidae
4529	Octopodidae
4530	Tremoctopodidae
4532	Argonautidae - Paper Nautiluses (Argonaut)
4533	Alloposidae
4534	Ocythoidae
4535	Vampyroteuthidae
4536	Sepiolidae - Squid
4537	Heteroteuthinae
4539	Spirulidae
4540	Loliginidae - Squid
4542	Lycoteuthidae
4545	Enoploteuthidae
4546	Enoploteuthinae
4556	Ancistrocheirinae
4558	Pyroteuthinae
4561	Octopoteuthidae
4563	Onychoteuthidae
4566	Chiroteuthidae
4568	Gonatidae
4570	Lepidoteuthidae
4573	Architeuthidae - Giant Squids
4574	Histioteuthidae
4581	Bathyteuthidae
4585	Cranchiidae
4586	Cranchiinae
4590	Taoniinae
4700	POLYPLACOPHORA - Chitons
5000	CHAETOGNATHA - Arrow Worms
5100	PYCNOGONIDA - Sea Spiders
5101	Pycnogonidae
5200	ARCHAEOGASTROPODA - Limpets
5500	RHYNCHOCOELA (NEMERTEA) - Nemerteans
6000	ECHINODERMATA - Spiny-Skinned Animals
6100	ASTEROIDEA - Starfishes
6200	OPHIUROIDEA - Brittle and Basket Stars
6300	Gorgonocephalida and Asteronychidae - Basket Stars
6309	Gorgonocephalida - Basket Stars
6397	ECHINOIDEA - Sea Urchins, Cake Urchins, and Heart Urchins
6500	CLYPEASTEROIDA - Cake Urchins
6600	HOLOTHUROIDEA - Sea Cucumbers
6700	Cucumariidae and Psolidae (Psoluses, Thyones, etc. Unidentified)
6705	Phyllophoridae
6900	CRINOIDEA - Sea Lilies and Feather Stars
7100	NEMATODA - Round Worms
7500	TURBELLARIA - Flatworms
7600	TREMATODA - Flukes
7601	DIGENEA S.C. (Flukes)
7700	CESTODA - Flatworms
8100	CTENOPHORA - Comb Jellies
8200	CNIDARIA (COELENTERATA) - Polyps
8208	ACTINIARIA - Sea Anemones, Sea Coral
8300	ANTHOZOA - Sea Anemone
8400	HYDROZOA - Jellyfishes
8500	SCYPHOZOA - Large Jellyfishes
8600	PORIFERA - Sponges
8700	SIPHONOPHORA
9405	INSECTA - Land Insects
9406	DIPTERA - Biting Flies
9430	CHELONIA - Tortoises and Sea-Going Turtles

Appendix J

Numerical Listinging of Fishes by Family and Higher Taxa

Acanthuridae - Surgeon fish
ACANTHUROIDEI - Surgeon fish
ACIPENSERIFORMES - Sturgeons (NS)
AGNATHA - Jawless Fishes
ALBULIFORMES - Bonefishes (NS)
AMMODYTOIDEI - Sand Lances (NS)
ANGUILLIFORMES - Eels (NS)
ANTENNAROIDEI
ATHERINIFORMES
AULOPIFORMES
Albulidae - Bonefishes
Alepisauridae - Lancetfishes
Alopiidae - Thresher Sharks
AMIIFORMES
Amiidae
Anoplogasteridae - Ogrefishes
Anotopteridae - Daggertooths
Ariommidae
BATRACHOIDIFORMES - Toadfishes (NS)
Balistidae - Triggerfishes and Filefishes
Bathypteroidae - Tripod/Feeler Fishes
Batrachoididae - Toadfishes
Belonidae - Needlefishes
Berycidae - Alfonsionos
Blenniidae - Combtooth Blennies
Bramidae - Pomfrets
Branchiostegidae (incl. Malacanthidae) - Tilefishes
Bregmacerotidae - Codlets
CALLIONYMOIDEI
CARCHARHINIFORMES - Requiem Sharks (NS)
CHIMAERIFORMES
CHONDRICHTHYES
CLUPEIFORMES - Herring - like Fishes
Caproidae
Carapidae - Pearlfishes
Carcharhinidae - Requiem Sharks
Caristiidae - Manefishes
Centrolophidae - Medusa Fishes or Ruffs
Ceratiidae - Seadevils
Chauliodontidae - Viperfishes
Chaunacidae
Chimaeridae - Chimaeras
Chlorophthalmidae - Greeneyes
Coryphaenidae - Dolphins
Cryptacanthodidae - Wrymouths
Cynoglossidae - Tonguefishes
CYPRINIFORMES
Cyprinidae
Cyprinodontidae - Killifishes
DACTYLOPTERIFORMES - Flying Gurnards
Dactylopteridae - Flying Gurnards
Dasyatidae - Stingrays
Derichthyidae - Long Neck Eels (NS)
Diretmidae - Spinyfishes
ELOPIFORMES - Tarpons
Echeneidae - Remoras/Sharksuckers
Elopidae - Tarpons
Eurypharyngidae - Gulpers
Eutaeniophoridae
Evermannellidae
Fistulariidae - Cornetfishes/Trumpetfishes
GADIFORMES - Cod, Hake, etc.
GALEOMORPHII
GASTEROSTEIFORMES - Sticklebacks (NS)
GOBIOIDEI
Gadinae

Gigantactinidae
Grammicolepididae - Diamond Dories
Grammistidae
Himantolophidae - Footballfishes
Holocentridae - Squirrelfishes
Idiacanthidae - Sawtailfishes
Istiophoridae (incl. Makairidae) - Spearfishes and Sailfishes (Marlins)
Kyphosidae - Sea Chubs
LAMNIFORMES
LOPHIOIDEI - Goosefishes (NS)
Lamnidae - Mackerel Sharks
Lamprididae - Opahs
Lepisosteidae - Gars
Linophrynidae
Lophiidae - Goosefishes
Lophotidae
Lotinae
Lutjanidae - Snappers
Macrorhamphosidae
MACROUROIDEI
MUGILOIDEI - Mullets (NS)
MYXINIFORMES - Hagfishes (NS)
Macrurocyttidae
Melanocetidae
Melanonidae
Merlucciidae - Silver Hake
Mobulidae - Mantas/Devilfishes
Molidae - Headfishes
Mullidae - Goatfishes
Myxinidae - Hagfishes (NS)
Notosudidae
Odontaspididae - Sand Tigers
Omosudidae
Ostraciontidae - Boxfishes
PETROMYZONIFORMES - Lampreys (NS)
Percichthyidae - Temperate Basses
Petromyzonidae - Lampreys
Pholidae - Gunnels
Polymixiidae - Beardfishes
Pomacentridae - Damselfishes
Pomatomidae - Bluefishes
RAJIFORMES - Skates, Rays, etc.
Rachycentridae - Cobias
Regalecidae
Rhinochimaeridae
Rondeletiidae
SACCOPHARYNGOIDEI - Gulpers (NS)
SALMONOIDAE - Salmon, Trouts, etc.
SEMIONOTIFORMES
SPHYRAENOIDEI
SQUALIFORMES - Large Sharks (NS)
SQUALOMORPHII
STOMIATOIDEI
Salmonidae - Trouts
Sciaenidae - Drums
Scomberesocidae - Sauries
Scombridae - Mackerels and Tunas
Scopelarchidae - Pearleyes
Scophthalmidae
Scyliorhinidae - Cat Sharks
Searsiidae - Tube Shouders
Serrivomeridae
Sphyraenidae - Barracudas
Sphyrnidae - Hammerhead Sharks
Stromateidae - Butterfishes
Stylephoridae
Syngnathidae - Seahorses and Pipefishes
TETRAODONTIFORMES - Spikefishes
TORPEDINIFORMES - Electric Rays (NS)
TRACHINOIDEI
Tetragonuridae - Squaretails
Tetraodontidae (incl. Canthigasteridae) - Puffers or Swellfishes
Torpedinidae - Electric Rays
Trachichthyidae - Soldierfishes

	Xiphiidae - Swordfishes
	ZEIFORMES - Dories, etc.
	ZOARCOIDEI
	Zeidae - Dories
0034	Engraulidae -Anchovies
0036	Labridae - Wrasses
0049	Pleuronectidae - Righteye Flounders (NS)
0057	Phycinae
0059	Anarhichadidae - Wolffishes (NS)
0073	SCOMBROIDEI - Tunas, Mackerel, Swordfish, etc
0101	GADOIDEI - Gadoids
0150	Myctophidae - Lanternfishes
0151	Stomiatidae - Scaled Dragonfishes
0153	ARGENTINOIDEI
0174	Carangidae - Jacks
0194	Moridae - Moras
0196	Bothidae - Lefteye Flounders
0197	Scaridae - Parrotfishes
0199	LABROIDEI
0211	Rajidae - Skates
0214	MYLIOBATIFORMES - Rays
0219	BATOIDEA - Skates and Rays
0251	Gadidae - Codfishes
0263	Pomadasyidae (incl. Haemulidae) - Grunts
0265	Mugilidae - Mullets
0272	Acipenseridae - Sturgeons
0274	Squalidae - Dogfishes (NS)
0275	SALACHII (CHONDRICHTHYES) *17 - Cartilaginous Fishes
0276	Bathylagidae - Deepsea Smelts
0280	Scorpaenidae - Scorpionfishes
0288	Argentinidae - Argentines
0290	Clupeidae/Osmeridae - Herring/Capelin-like Fishes
0294	SALMONIFORMES
0296	Gempylidae - Snake Mackerels
0298	LOPHIIFORMES
0299	SCORPAENIFORMES - Mail-cheeked Fishes
0312	Cottunculidae - Sculpins
0326	Sparidae - Porgies
0328	Chaetodontidae (incl. Pomacanthidae) - Butterflyfishes
0329	Triglidae (incl. Peristediidae) - Searobins
0336	Clupeidae - Herring (NS)
0337	Osmeridae - Smelts
0339	Synodontidae - Lizardfishes
0346	PLEURONECTIFORMES - Flatfishes
0351	Agonidae - Poachers and Alligatorfishes
0352	Priacanthidae - Bigeyes
0360	Gasterosteidae - Sticklebacks
0398	Antennariidae - Frogfishes
0415	Caulophrynidae
0416	Macrouridae - Grenadiers
0420	Gerreidae - Mojarras
0425	Muraenidae - Morays
0429	Congridae - Congers
0440	Ophichthidae - Snake Eels
0455	Synaphobranchidae - Cutthroat Eels
0456	Synaphobranchinae
0457	Simenchelyinae - Snubnose Eels
0458	Dysomminae
0463	Nemichthyidae - Snipe Eels
0470	Moringuidae - Spaghetti Eels
0475	Nettastomatidae - Duckbill Eels
0480	Xenocongridae - False Morays
0485	Muraenesocidae
0490	Halosauridae - Halosaurus (NS)
0514	Cyclopteridae (incl. Liparidae) - Lumpfishes and Seasnails
0558	Melamphaeidae
0560	OSTEICHTHYES - Bony Fishes
0590	Ammodytidae - Sand Lances
0598	Zoarcidae - Eelpouts
0634	ANGUILLOIDEI - Unidentified Eels
0635	Callionymidae - Dragonets
0636	PERCIFORMES - Perchlike Fishes
0639	Stichaeidae - Pricklebacks
0644	BLENNIOIDEI - Blennies, Shannies, Gunnels

0645	Lumpenidae - Shanny
0648	Anguillidae - Fresh-water Eels
0649	Ophidiidae (incl. Brotulidae) - Cusk Eels
0652	PERCOIDEA
0655	Bythitidae - Viviparous Brotulas
0660	OPHIDIOIDEI
0662	Notacanthidae - Spiny Eels
0665	Melanostomiatidae - Scaleless Dragonfishes
0669	Atherinidae - Silversides
0680	STOMIATIFORMES
0683	Oneirodidae
0687	CERATIOIDEI
0689	Trichiuridae - Cutlassfishes
0692	Diodontidae - Porcupinefishes
0694	Ogcocephalidae - Batfishes
0697	Apogonidae (incl. Cheilodipteridae and Epigonidae) - Cardinalfishes
0713	Paralepididae (Sudidae) - Barracudinas
0715	Serranidae (incl. Anthiidae) - Sea Basses
0741	Sternoptychidae - Hatchetfishes
0745	Gonostomatidae - Anglemouths
0748	Exocoetidae - Flyingfishes and Halfbeaks
0802	BERYCIFORMES - Berycoid Fishes
0804	Gobiidae - Gobies
0811	MYCTOPHIFORMES
0819	Malacosteidae - Loosejaws
0821	Nomeidae - Driftfishes
0855	Microdesmidae
0891	LAMPRIFORMES
0892	Trachipteridae
0893	Trachipteroidei
0902	Linophrynidae
0951	STROMATEOIDEI - Butterfishes (NS)
0952	Brotulinae - Brotulids
0966	Astronesthidae - Bighead Dragonfishes
0968	Alepocephalidae - Smoothheads
0971	Chiasmodontidae - Black Swallowers

Appendix K

Alphabetical Listing of Fish Eggs by Name

1226	*Ammodytes* sp. - Sand Lance
1252	*Argentina silus*
1235	*Brosme brosme* - Cusk
1530	CEPHALOPODA - Squid
1250	*Citharichthys arctifrons* -Gulfstream Flounder
1221	*Clupea harengus* - Herring
1237	Cod/Haddock
1242	Cod/Haddock/Witch
1244	Cunner/Yellowtail
1243	Cusk/Mackerel
1225	*Cyclopterus lumpus* - Lumpfish
1229	*Enchelyopus cimbrius* - Fourbeard Rockling
1263	Engraulidae - Anchovies
1210	F. Gadidae - Cod
1200	Fish Eggs Unidentified
1211	*Gadus morhua* - Cod
1227	*Glyptocephalus cynoglossus* - Witch Flounder
1260	Gonostomatidae
1236	H4B
1218	*Hemitripterus americanus* - Sea Raven
1222	*Hippoglossoides platessoides* - Plaice
1248	*Hippoglossus hippoglossus* - Atlantic Halibut
1305	Invertebrate Eggs, Unidentified
1230	*Limanda ferruginea* - Yellowtail Flounder
1219	*Liopsetta putnami* - Smooth Flounder
1295	*Liparis* sp. - Egg Unidentified
1238	*Lophius americana* - Monkfish/Angler
1215	*Maurolicus muelleri* - Muller's pearlsides
1212	*Melanogrammus aeglefinus* - Haddock
1239	*Merluccius bilinearis* - Silver Hake
1228	*Myoxocephalus* sp. - Sculpins
1231	PLEURONECTIFORMES - Flatfishes Unidentified
1251	*Paralichthys dentatus* - Summer Flounder
1220	*Paralichthys oblongus* - Fourspot Flounder
1247	*Pollachius virens* - Pollock
1234	*Peprilus triacanthus* - Butterfish
1253	*Pseudopleuronectes americanus* - Winter Flounder
1224	*Raja* sp. - Skate
1223	*Scomber scombrus* - Mackerel
1249	*Scophthalmus aquosus* - Brill-Windowpane Flounder
1240	Silver/Long-fin Hake
1241	Silver/Long-fin Hake/Fourbeard Rockling
1232	*Tautogolabrus adspersus* - Cunner
1233	*Urophycis tenuis* - White Hake
1246	*Urophycis* sp. - Hake
1245	*Merluccius albidus* - Offshore Hake

Appendix L

Alphabetical Listing of Invertebrate Eggs by Name

1400	ANNELIDA - Segmented Worms
1420	*Aphrodite aculeata* - Sea Mouse
1510	Buccinidae - Whelks
1309	COPEPODA
1314	CRAB
1313	CRAGONID
1300	CRUSTACEA
1310	DECAPODA
1511	GASTEROPODA - Snails and Slugs
1316	HERMIT CRABS
1312	HIPPOLYTID
1315	LOBSTER
1500	MOLLUSCA - Mollusks
1440	NEMATODA- Tube Worms
1311	PANDALID
1520	PELECYPODA - Bivalve Molluscs
1410	POLYCHAETA - Bristle Worms
1430	SIPUNCULA (GEPHYREA)

Appendix M

Numerical Listing of Marine Plants by Code Number

	CHLOROPHYCEAE - Green Seaweeds
	Ulvaceae
9300	THALLOPHYTA - Algae (Seaweeds), Kelp
9301	*Fucus* sp. - Brown Rockweed
9302	*Ulva* sp. - Sea Lettuce
9303	PHAEOPHYCEAE - Brown Seaweeds
9304	RHODOPHYCEAE - Red Seaweeds

Appendix N

Numerical Listing of Marine Mammals by Number

	CETACEA
	ODONTOCEIT
	Ziphiidae
	Delphinidae
	PINNIPEDIA
	PHOCOIDEA
	OTARIOIDEA
0900	Phocidae - Seals
0910	Odobenidae
0920	Whales Unidentified
0921	*Globicephala melaena* (Traill 1809) - Atlantic Pilot Whale
0922	*Hyperoodon ampullatus* (Forster 1770) Northern Bottlenosed Whale
0930	Dolphins Unidentified
0931	*Tursiops truncatus* (Montagu 1821) - Atlantic Bottlenosed Dolphin
0932	*Lagenorhynchus albirostris* Gray 1846 - White Beaked Dolphin
0933	*Lagenorhynchus acutus* (Gray 1828) - Atlantic White sided Dolphin

INDEX BY RESEARCH CODE

0001 47
0002 47
0003 47
0004 47
0005 47
0006 47
0007 44
0008 47
0009 31
0010 37
0011 38
0012 38
0013 38
0014 38
0015 38
0016 38
0017 38
0018 38
0019 38
0020 41
0021 41
0022 32
0023 41
0024 42
0025 43
0026 41
0027 46
0028 46
0029 46
0030 47
0031 47
0032 46
0033 46
0034 31
0035 38
0036 44
0037 38
0038 44
0039 44
0040 47
0041 47
0042 47
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0044 47
0045 47
0046 44
0047 44
0048 44
0049 47
0050 45
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0052 45
0053 44
0054 44
0055 38
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0070 46
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0097 43
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0099 44
0100 27
0101 37
0102 44
0103 44
0104 44
0105 44
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0108 37
0109 37
0110 37
0111 38
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0113 37
0114 38
0115 38
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0117 38
0118 38
0119 38
0120 42
0121 42
0122 44
0123 41
0124 35
0125 35
0126 35
0127 35
0128 35
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0130 35
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0141 47
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0146 35
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0252 36
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0257 43
0258 44
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0272 28
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0277 47
0278 41
0279 36
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0281 31
0282 47
0283 41
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0287 36
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0290 29
0291 31
0292 35
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0294 31
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0296 45
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0297 37
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0299 41
0300 41
0301 41
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0315 41
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0321 46
0322 32
0323 41
0324 47
0325 47
0326 44
0327 36
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0330 41
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0334 33
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0340 41
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0345 47
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0349 29
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0351 41
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0355 40
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0358 41
0359 46
0360 40
0361 40
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0364 41
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0366 40
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0375 37
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0598 38
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0653 45
0654 38
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0662 29
0663 42
0664 42
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0667 32
0668 42
0669 39
0670 33
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0672 41
0673 43
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0678 39
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0681 35
0682 39
0683 36
0684 32
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0686 39
0687 36
0688 34
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0692 48
0693 47
0694 37

0695	42
0696	32
0697	42
0698	42
0699	42
0700	32
0701	47
0702	41
0703	41
0704	40
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0706	32
0707	32
0708	32
0709	32
0710	34
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0712	34
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0714	46
0715	42
0716	33
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0721	33
0722	33
0723	34
0724	31
0725	31
0726	31
0727	34
0728	34
0729	34
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0734	39
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0736	39
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0742	37
0743	46
0744	39
0745	32
0746	47
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0748	39
0749	31
0750	43
0751	41
0752	32
0753	32
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0785	46
0786	46
0787	46
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0789	46
0790	46
0791	46
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0793	48
0794	47
0795	39
0796	39
0797	39
0798	39
0799	39
0800	39
0801	34
0802	39
0803	43
0804	45
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0823	40
0824	46
0825	34
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0831	37
0832	34

0833	34
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0836	31
0837	29
0838	30
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0840	46
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0843	31
0844	37
0845	39
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0847	33
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0852	36
0853	36
0854	36
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0856	36
0857	33
0858	33
0859	33
0860	35
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0862	38
0863	34
0864	33
0864	38
0865	29
0866	40
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0870	38
0871	39
0872	33
0873	42
0874	33
0875	32
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0877	46
0878	42
0879	42
0880	41
0881	36
0882	35
0883	32
0884	33
0885	33
0886	39
0887	44
0888	42
0889	32
0890	28
0891	39
0892	39
0893	39
0894	32
0895	31
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0897	43
0898	43
0899	42
0900	48
0901	41
0903	37
0904	37
0905	37
0906	34
0907	34
0908	33
0909	44
0910	48
0911	39
0912	32
0913	30
0914	31
0915	32
0916	33
0917	39
0918	33
0919	39
0920	48
0921	48
0922	48
0924	42
0925	33
0926	45
0927	46
0928	32
0929	32
0930	48
0931	48
0932	48
0933	48
0934	33
0935	35
0936	36
0937	34
0938	46
0939	35
0940	38
0941	33
0942	32
0943	33
0944	43
0947	28
0948	33
0949	33
0950	38
0951	46
0952	38
0953	38
0954	32
0955	36
0956	33
0957	33
0958	43
0959	33
0960	43
0961	32
0962	36
0963	31
0964	33
0965	28
0966	32
0967	27
0968	31
0969	27
0970	33
0971	44

1100 51
1200 51
1210 51
1211 51
1212 51
1215 51
1218 51
1219 51
1220 51
1221 51
1222 51
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1530 53
1600 53
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1750 3
1800 26
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1815 26
1820 26
1821 26
1822 26
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1824 26
1825 26
1826 26
1827 26
1828 26
1830 26
1831 27
1840 27
1845 27
1900 5
1910 5
1920 5
1930 5
1931 5
1932 5
1940 5
1941 5
2000 16
2001 16
2010 16
2100 16
2200 16
2210 16
2211 16
2212 16
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2214 16
2215 16
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2240 17
2245 17
2300 16
2309 16
2310 17
2311 17
2312 17
2313 17
2315 17
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2318 16
2319 16
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2321 17
2330 16
2331 16
2332 16
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2350 21
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2400 17
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2415	17
2416	17
2417	17
2420	17
2421	17
2450	17
2508	17
2509	17
2510	17
2511	17
2512	17
2513	17
2514	23
2515	17
2519	17
2520	17
2521	17
2522	17
2523	18
2524	17
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2528	18
2529	17
2531	17
2532	17
2533	17
2535	15
2536	20
2537	20
2540	18
2541	18
2550	18
2551	18
2554	18
2555	18
2556	18
2558	18
2559	18
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2565	18
2566	18
2567	18
2568	18
2600	18
2605	9
2606	9
2610	18
2611	18
2612	18
2613	18
2620	18
2621	18
2622	18
2623	18
2624	18
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